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SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR
ALTUS AFB, OK

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723



FEBRUARY 1990

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28 SEP 1990 .

REPORT DOCUMENTATION PAGE

2. REPORT DATE: FEBRUARY 1990
3. REPORT TYPE AND DATES COVERED: DATA SUMMARY, FEBRUARY 1943 TO JULY 1989
4. TITLE AND SUBTITLE: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR ALTUS AFB, OKLAHOMA
7. PERFORMING ORGANIZATION NAME AND ADDRESS: OPERATING LOCATION A, USAFETAC, FEDERAL BUILDING, ASHEVILLE, NC 28801-2723
8. PERFORMING ORGANIZATION REPORT NUMBER: USAFETAC/DS-90/204
9. SPONSORING/MONITORING AGENCY NAME AND ADDRESS: USAF ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER (USAFETAC), SCOTT AFB, IL 62225-5438
11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
14. SUBJECT TERMS: CLIMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA, WEATHER, SOCS, ALTUS AFB, OKLAHOMA, CEILING, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, SNOW TEMPERATURE, VISIBILITY, WIND.
15. NUMBER OF PAGES: 375
17. SECURITY CLASSIFICATION OF REPORT: UNCLASSIFIED
18. SECURITY CLASSIFICATION OF THIS PAGE: UNCLASSIFIED
19. SECURITY CLASSIFICATION OF ABSTRACT: UNCLASSIFIED
20. LIMITATION OF ABSTRACT: UL

DTIC STANDARD FORM 298

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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: AUG 79 - JUL 89 (AIRWAYS).

SUMMARY OF DAY DATA: FEB 43 - MAR 45, SEP 53 - JUL 89 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

STATION NO. ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FLD ELEV (FT)		CALL SIGN		WMO NMBR	
723520		ALTUS AFB OK		N 34 40		W 099 16		1378		LTS		72352	
STATION LOCATION AND INSTRUMENTATION HISTORY													
Nmb of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY				
			From	To			FLD (FT)	BARO (FT)					
1	Altus OK	AAF	Feb 43	Apr 45	N 34 39	W 099 16	1354	1357	24				
2	Altus AFB OK	AFB	Sep 53	Oct 53	Same	Same	1378	Same	13				
3	Same	Same	Nov 53	Feb 55	Same	Same	Same	Same	24				
4	Same	Same	Mar 55	Jun 56	Same	Same	1381	Same	24				
5	Same	Same	Jul 56	Sep 61	Same	Same	1378	Same	24				
6	Same	Same	Oct 61	Jul 72	Same	Same	Same	Same	24				
7	Same	Same	Aug 72	Nov 77	Same	Same	Same	Same	24				
8	Same	Same	Dec 77	Jan 88	N 34 40	Same	Same	Same	24				
Nmb of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION					REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE						
		LOCATION		TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND							
1	Feb 43	On Post Ops Bldg		Anemometer	N/A	26 ft	Altus AFB is dually instrumented and has two AN/GMQ-20s as indicated in "Location" column. The R0-362 is located in the base weather station Bldg 185 (relocated in 1977)						
2	Sep 53	200 ft N of Stn on roof		AN/GMQ-1	ML204B	30 ft							
3	Jul 55	256 ft N of Stn on roof		Same	Same	26 ft							
4	Jul 56	3570 ft NE of Stn		AN/GMQ-11	R0-2	11 ft							
5	Mar 64	1. 800 ft E of ctr, 6130 ft N of end rnwy 35		AN/GMQ-11	R0-2	13 ft							
		2. 500 ft W of ctr, 1000 ft S of rnwy 17		Same	Same	Same							
6	Jul 70	1. 706 ft E of ctr, 1650 ft N of end rnwy 35		AN/GMQ-20	R0-362	Same							
		2. Same		Same		Same							
7	Mar 83	1. Same		Same	Same	Same							
		2. 500 ft W of ctr, 950 ft S of end of rnwy 17		Same	Same	Same							
8	Jan 88	1 & 2: Same		Same	Same	12 ft							

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWIN SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	2.6	1.1	3.0		6.7	8.3	.8	.5		16.2	930
03-05		3.5	1.4	2.9		7.8	9.6	1.0	.6	.3	19.4	930
06-08		2.9	1.4	3.2		7.5	11.8	1.0	1.0		21.3	930
09-11	.4	2.0	1.2	3.0		6.2	12.9	1.6	.5	.1	21.4	930
12-14	.3	2.8	1.1	3.4		7.3	8.3	1.8	.6	.8	18.8	930
15-17	.4	2.6	1.1	2.9		6.6	6.6	2.3	.4	.9	16.7	930
18-20	.1	3.2	1.3	2.9		7.4	7.6	1.3	.3	.3	17.0	930
21-23	.3	3.4	1.5	3.3		8.3	6.6	.8	.4	.2	16.2	930
ALL HOURS	.2	2.9	1.3	3.1		7.2	9.0	1.3	.6	.3	18.4	7440

MONTH: FEB

00-02	.2	5.7	1.2	1.8		8.6	11.3	.5	.5		20.8	849
03-05		6.9	.8	1.2		9.0	14.6		.2		23.8	849
06-08	.2	6.6	.7	3.4		10.7	20.6	.6		.1	32.0	849
09-11	.1	6.5	.6	3.9		11.0	19.9	3.3	.2	.1	34.5	849
12-14		6.8	.7	2.8		10.4	12.1	.8	.4	.1	23.8	849
15-17	.1	4.8	.4	3.2		8.4	9.0	.7		.4	18.4	849
18-20	.1	3.7	.1	2.7		6.5	8.5	.9	.2	.7	16.8	849
21-23	.6	4.6	.6	2.5		7.7	8.0	.9	.2	.4	17.2	849
ALL HOURS	.2	5.7	.6	2.7		9.0	13.0	1.0	.2	.2	23.4	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.3	5.5		.1		5.6	6.7	.2		.6	13.1	930
03-05	.4	5.5		.8		6.2	10.3		.3	.1	17.0	930
06-08	.2	6.8		1.0		7.7	18.6	.3	.1		26.8	930
09-11	.1	7.3		.6		8.0	12.4	1.4		.2	21.9	930
12-14	.1	5.6		.4		6.0	6.6	1.1		.3	14.0	930
15-17	.5	5.3		1.1		6.3	4.9	.5		1.1	12.9	930
18-20	2.3	6.6		.3		6.9	5.2	.9		1.9	14.8	930
21-23	1.4	5.1		.1		5.2	4.2	.1		.8	10.2	930
ALL HOURS	.8	5.9		.6		6.5	8.6	.6	.1	.6	16.3	7440

MONTH: APR

00-02	1.8	4.6			.1	4.7	3.3			.8	8.8	900
03-05	1.6	5.6		.1		5.7	5.0			.1	10.8	900
06-08	1.0	6.7		.1		6.8	11.7	.9		.2	19.6	900
09-11	.4	5.4		.1		5.6	5.1	1.0		.6	12.2	900
12-14	.4	4.2		.1		4.3	2.6	.2		.7	7.8	900
15-17	1.1	3.7			.1	3.8	.4	.2		1.8	6.2	900
18-20	1.8	4.1				4.1	.3	.6		2.0	7.0	90
21-23	1.1	3.1				3.1	.8	.3		1.4	5.7	900
ALL HOURS	1.2	4.7		.1	.0	4.8	3.7	.4		.9	9.8	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	4.0	6.5				6.5	3.4	1.0		.2	11.1	930
03-05	2.5	5.7				5.7	6.9	1.0		.1	13.7	930
06-08	1.8	5.1				5.1	15.3	3.5			23.9	930
09-11	1.9	4.1				4.1	5.7	2.7			12.5	930
12-14	1.6	3.8			.1	3.9	1.7	.9		.8	7.2	930
15-17	3.4	5.3			.1	5.4	1.0	.3		.8	7.4	930
18-20	4.7	6.5			.1	6.6	1.8	1.2		.8	10.3	930
21-23	5.5	7.3			.1	7.4	2.3	.8			10.4	930
ALL HOURS	3.2	5.5			.1	5.6	4.8	1.4		.3	12.1	7440

MONTH: JUN

00-02	4.9	7.7				7.7	.6				8.2	900
03-05	4.2	7.3				7.3	3.1	.6			11.0	900
06-08	2.1	5.9				5.9	7.1	2.4			15.4	900
09-11	1.9	4.4				4.4	1.2	1.1		.1	6.9	900
12-14	1.7	3.7				3.7	.8	1.2		.7	6.3	900
15-17	2.5	3.9				3.9	.6	.3		.8	5.6	900
18-20	3.6	4.4				4.4	.1			.7	5.2	900
21-23	5.1	5.6				5.6	.2			.1	5.9	900
ALL HOURS	3.3	5.4				5.4	1.7	.7		.3	8.1	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.6	2.0				2.0	.4	.6			3.1	930
03-05	2.0	3.8				3.8	1.1	1.6			6.5	930
06-08	1.5	3.7				3.7	4.2	4.1			11.9	930
09-11	.2	1.9				1.9	1.6	2.9			6.5	930
12-14	.2	.8				.8	.1	1.1		.1	2.0	930
15-17	1.0	.6				.6		.3			1.0	930
18-20	1.9	1.6				1.6		.8			2.4	927
21-23	2.0	2.5				2.5	.2	.5			3.2	927
ALL HOURS	1.3	2.1				2.1	1.0	1.5		.0	4.6	7434

MONTH: AUG

00-02	2.2	3.5			.1	3.7	.1	.4		.1	4.3	930
03-05	1.8	5.3				5.3	1.0	.8			7.0	930
06-08	1.4	4.8				4.8	4.8	4.3			14.0	930
09-11	.1	3.0				3.0	1.6	3.9			8.5	930
12-14	.5	2.4				2.4	.9	1.7			4.9	930
15-17	2.5	3.0				3.0	.2	.9		.2	4.3	930
18-20	3.5	3.8				3.8	.4	.5		.1	4.8	930
21-23	2.6	3.9				3.9	.6	.5		.1	5.2	930
ALL HOURS	1.8	3.7			.0	3.7	1.2	1.6		.1	6.6	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.1	4.3				4.3	2.2	.4			7.0	900
03-05	1.4	4.6				4.6	4.1	.3		.2	9.2	900
06-08	.9	5.6				5.6	7.2	1.7		.3	14.8	900
09-11	.8	4.6				4.6	3.9	1.4		.4	10.3	900
12-14	.2	5.1				5.1	1.9	.7		.2	7.9	900
15-17	1.0	5.2				5.2	1.9	.9		.2	8.2	900
18-20	1.4	3.3				3.3	1.8	.9		.1	6.1	900
21-23	1.2	3.2				3.2	1.4	.4			5.1	900
ALL HOURS	1.0	4.5				4.5	3.1	.8		.2	8.6	7200

MONTH: OCT

00-02	1.4	6.5				6.5	8.			.2	14.9	930
03-05	1.6	7.8				7.8	13.0	.2		.4	21.5	930
06-08	1.1	8.8				8.8	17.6	.3		.6	27.4	930
09-11	.3	6.3				6.3	12.3	.9		1.4	20.9	930
12-14	.2	4.8				4.8	5.3	.5		.6	11.3	930
15-17	.3	3.9				3.9	2.6	.5		.2	7.2	930
18-20	1.1	4.9				4.9	4.4	.4		.1	9.9	930
21-23	1.4	6.0				6.0	4.9				11.0	930
ALL HOURS	.9	6.1				6.1	8.5	.4		.5	15.5	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.6	6.3		.4		6.8	6.2	.1			13.1	900
03-05	.2	6.1		.6		6.7	9.1			.1	15.9	900
06-08	.3	7.2	.1	.7	.1	8.1	13.1	.1			21.3	900
09-11		6.4	.1	.3		6.9	11.8	.2			18.9	900
12-14	.2	6.2		.4		6.7	6.8	.3		.2	14.0	900
15-17		4.2		.7		4.9	4.1	.6		.3	9.9	900
18-20		4.3		.7		5.0	5.2	.6		.3	11.1	900
21-23	.2	5.9		.4	.1	6.4	6.7				13.1	900
ALL HOURS	.2	5.8	.0	.5	.0	6.4	7.9	.2		.1	14.7	7200

MONTH: DEC

00-02	.1	5.6	1.0	2.8		9.4	9.1				18.5	930
03-05	.1	5.3	1.8	2.6		9.7	9.7				19.4	930
06-08		5.9	1.3	2.7		9.9	11.9	.3		.1	22.3	930
09-11		4.8	1.3	2.8		8.9	13.9	.6		.3	23.8	930
12-14		4.9	1.2	3.1		9.2	9.5	.9	.3	.1	20.0	930
15-17	.1	4.8	.4	3.0		8.3	8.3	.6	.5	.1	17.8	930
18-20	.2	6.2	1.2	2.0		9.5	8.1	.8		.2	18.5	930
21-23	.1	5.4	1.1	2.4		8.8	8.3	.6		.2	18.0	930
ALL HOURS	.1	5.4	1.2	2.7		9.2	9.8	.5	.1	.1	19.8	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.2	2.9	1.3	3.1		7.2	9.0	1.3	.6	.3	18.4	7440
FEB	.2	5.7	.6	2.7		9.0	13.0	1.0	.2	.2	23.4	6792
MAR	.8	5.9		.6		6.5	8.6	.6	.1	.6	16.3	7440
APR	1.2	4.7		.1	.0	4.8	3.7	.4		.9	9.8	7200
MAY	3.2	5.5			.1	5.6	4.8	1.4		.3	12.1	7440
JUN	3.3	5.4				5.4	1.7	.7		.3	8.1	7200
JUL	1.3	2.1				2.1	1.0	1.5		.0	4.6	7434
AUG	1.8	3.7			.0	3.7	1.2	1.6		.1	6.6	7440
SEP	1.0	4.5				4.5	3.1	.8		.2	8.6	7200
OCT	.9	6.1				6.1	8.5	.4		.5	15.5	7440
NOV	.2	5.8	.0	.5	.0	6.4	7.9	.2		.1	14.7	7200
DEC	.1	5.4	1.2	2.7		9.2	9.8	.5	.1	.1	19.8	7440
ANNUAL	1.2	4.8	.3	.8	.0	5.9	6.0	.9	.1	.3	13.1	87666

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 5309-8907
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	1.3	20.2	5.6	13.0	.3	26.8	26.7	3.5	2.2	.2	37.4	1116
FEB	2.5	23.3	4.7	11.9	.7	29.8	29.6	5.9	2.2	.8	42.1	1015
MAR	8.5	26.8	.9	5.6	2.0	29.5	26.5	3.9	.4	1.1	39.6	1116
APR	14.5	30.6	.1	.6	2.6	30.6	19.3	4.1		1.4	38.4	1080
MAY	29.1	44.5			5.7	44.5	20.2	4.5		.8	51.9	1115
JUN	24.9	35.1			1.6	35.1	9.2	2.9		.3	39.8	1079
JUL	17.8	25.7			.2	25.7	5.8	3.3		.1	29.5	1115
AUG	19.3	29.4			.4	29.4	7.0	4.3		.4	34.5	1085
SEP	14.0	30.6			.4	30.6	17.4	4.8		.1	38.1	1050
OCT	10.5	28.6		.3	.5	28.6	20.1	2.1		.1	36.0	1091
NOV	4.2	22.5	.3	3.7	.5	24.2	22.7	2.9	.4	.4	33.7	1077
DEC	1.3	22.4	5.1	9.2	.1	25.4	25.1	3.0	.7	.2	35.0	1116
ANNUAL	12.4	28.3	1.4	3.7	1.2	30.0	19.1	3.7	.5	.5	38.0	13055

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02	.2	.2	1.3	1.8	4.0	4.9	1.6	2.2	1.1	1.4	.6	.1
03-05			.4	1.6	2.5	4.2	2.0	1.8	1.4	1.6	.2	.1
06-08		.2	.2	1.0	1.8	2.1	1.5	1.4	.9	1.1	.3	
09-11	.4	.1	.1	.4	1.9	1.9	.2	.1	.8	.3		
12-14	.3		.1	.4	1.6	1.7	.2	.5	.2	.2	.2	
15-17	.4	.1	.5	1.1	3.4	2.9	1.0	2.5	1.0	.3		.1
18-20	.1	.1	2.3	1.8	4.7	3.6	1.9	3.5	1.4	1.1		.2
21-23	.3	.6	1.4	1.1	5.5	5.1	2.0	2.6	1.2	1.4	.2	.1
ALL HOURS	.2	.2	.8	1.2	3.2	3.3	1.3	1.8	1.0	.9	.2	.1
TOTAL OBS	7440	6792	7440	7200	7440	7200	7434	7440	7200	7440	7200	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	320 - 009	010 - 079	080 - 149	150 - 209	210 - 319	NO OF OBS
TSTMS				64.7	17.6	17.6		17
LIQUID PRECIP	13.0		12.6	41.5	22.2	9.2	1.4	207
FREEZING PRECIP	3.2		2.2	58.1	24.7	11.8		93
FROZEN PRECIP	3.4		17.3	62.9	5.5	7.2	3.8	237
FOG	16.6		5.9	31.1	25.5	17.0	3.9	663
FOG WITH VIS GE 1/2 MILES	16.2		5.7	33.4	26.2	15.0	3.5	599
TOTAL OBS	1239	0	1189	2059	1084	1029	840	7440

MONTH: FEB HOURS: ALL

TSTMS				41.7	8.3	25.0	25.0	12
LIQUID PRECIP	3.5		19.7	34.6	29.5	9.0	3.7	376
FREEZING PRECIP	4.7		7.0	62.8	18.6	7.0		43
FROZEN PRECIP	2.7		19.7	53.6	20.8	2.7	.5	183
FOG	9.5		10.5	39.0	27.4	11.5	2.2	880
FOG WITH VIS GE 1/2 MILES	8.0		11.3	41.4	25.6	12.0	1.6	789
TOTAL OBS	735	0	1111	1998	1216	1029	703	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	320 - 009	010 - 079	080 - 149	150 - 209	210 - 319	NO OF OBS
TSTMS	6.8		13.6	22.0	32.2	11.9	13.6	59
LIQUID PRECIP	5.0		10.7	31.8	39.8	8.0	4.7	402
FREEZING PRECIP								
FROZEN PRECIP			19.0	66.7	9.5	2.4	2.4	42
FOG	12.7		6.4	21.3	43.8	13.8	2.2	640
FOG WITH VIS GE 1/2 MILES	11.3		6.7	22.2	44.0	13.9	1.8	595
TOTAL OBS	717	0	1100	1619	1821	1366	817	7440

MONTH: APR HOURS: ALL

TSTMS	3.5		20.9	23.3	31.4	12.8	8.1	86
LIQUID PRECIP	4.0		21.7	28.7	27.6	10.7	7.4	272
FREEZING PRECIP								
FROZEN PRECIP			25.0	75.0				4
FOG	8.0		5.3	19.4	41.1	20.5	5.7	263
FOG WITH VIS GE 1/2 MILES	6.7		5.5	19.8	41.9	20.2	5.9	253
TOTAL OBS	740	0	1016	1556	1553	1506	829	7200

OPERATING LOCATION "A"
USAETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	320 - 009	010 - 079	080 - 149	150 - 209	210 - 319	NO OF OBS
TSTMS	4.6		12.9	30.4	32.5	11.3	8.3	240
LIQUID PRECIP	4.3		9.9	30.0	38.2	12.9	4.7	233
FREEZING PRECIP								
FROZEN PRECIP								
FOG	11.3		3.7	20.9	48.3	15.3	.6	354
FOG WITH VIS GE 1/2 MILES	11.2		3.7	21.3	47.7	15.5	.6	348
TOTAL OBS	819	0	698	1485	2137	1591	710	7440

MONTH: JUN HOURS: ALL

TSTMS	8.0		14.8	29.5	19.0	14.8	13.9	237
LIQUID PRECIP	11.4		5.2	24.2	26.1	19.0	14.2	211
FREEZING PRECIP								
FROZEN PRECIP								
FOG	14.0		4.1	19.8	48.8	11.6	1.7	121
FOG WITH VIS GE 1/2 MILES	14.0		4.1	19.8	48.8	11.6	1.7	121
TOTAL OBS	945	0	317	1065	2041	2328	504	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	320 - 009	010 - 079	080 - 149	150 - 209	210 - 319	NO OF OBS
TSTMS	3.1		7.1	18.4	28.6	32.7	10.2	98
LIQUID PRECIP	9.4		11.5	19.8	31.3	21.9	6.3	96
FREEZING PRECIP								
FROZEN PRECIP								
FOG	32.4		4.2	18.3	35.2	7.0	2.8	71
FOG WITH VIS GE 1/2 MILES	32.4		4.2	18.3	35.2	7.0	2.8	71
TOTAL OBS	1059	0	159	759	2014	2898	545	7434

MONTH: AUG HOURS: ALL

TSTMS	10.2		13.9	19.0	21.9	13.1	21.9	137
LIQUID PRECIP	11.3		4.6	33.3	22.1	18.5	10.3	195
FREEZING PRECIP								
FROZEN PRECIP								
FOG	13.3		2.2	47.8	31.1	5.6		90
FOG WITH VIS GE 1/2 MILES	12.6		2.3	49.4	32.2	3.4		87
TOTAL OBS	1327	0	224	983	2013	2295	598	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	320 - 009	010 - 079	080 - 149	150 - 209	210 - 319	NO OF OBS
TSTMS	5.5		11.0	21.9	26.0	17.8	17.8	73
LIQUID PRECIP	7.3		6.9	31.8	25.9	19.3	8.8	274
FREEZING PRECIP								
FROZEN PRECIP								
FOG	16.8		6.4	19.5	30.5	21.4	5.5	220
FOG WITH VIS GE 1/2 MILES	17.0		6.4	19.7	30.3	21.6	5.0	218
TOTAL OBS	1136	0	349	1188	1986	2163	378	7200

MONTH: OCT HOURS: ALL

TSTMS	7.2		14.5	11.6	33.3	14.5	18.8	69
LIQUID PRECIP	6.2		9.2	34.8	24.9	18.7	6.2	402
FREEZING PRECIP								
FROZEN PRECIP								
FOG	17.0		3.9	25.2	31.9	18.4	3.0	636
FOG WITH VIS GE 1/2 MILES	15.6		3.8	26.9	31.6	18.5	3.5	572
TOTAL OBS	1249	0	740	1614	1639	1640	558	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	320 - 009	010 - 079	080 - 149	150 - 209	210 - 319	NO OF OBS
TSTMS	12.5			31.3	12.5	25.0	18.8	16
LIQUID PRECIP	9.8		15.9	41.1	24.2	5.9	3.2	409
FREEZING PRECIP					100.0			2
FROZEN PRECIP	2.5		62.5	35.0				40
FOG	16.4		10.4	29.6	30.2	10.8	2.6	567
FOG WITH VIS GE 1/2 MILES	13.9		11.0	30.4	30.2	11.6	2.9	510
TOTAL OBS	1208	0	1123	1480	1260	1419	710	7200

MONTH: DEC HOURS: ALL

TSTMS				33.3	16.7	16.7	33.3	6
LIQUID PRECIP	8.0		20.0	37.0	15.8	12.8	6.5	400
FREEZING PRECIP	11.1		15.6	52.2	11.1	7.8	2.2	90
FROZEN PRECIP	3.7		23.4	54.6	13.8	1.4	3.2	218
FOG	11.5		9.7	33.7	24.4	15.5	5.1	729
FOG WITH VIS GE 1/2 MILES	9.8		11.0	38.0	20.8	15.6	4.8	621
TOTAL OBS	1216	0	1195	1910	1046	1220	853	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	320 - 009	010 - 079	080 - 149	150 - 209	210 - 319	NO OF OBS
TSTMS	6.2		13.0	25.4	26.3	15.6	13.5	1050
LIQUID PRECIP	7.3		13.1	33.6	27.1	12.8	6.1	3477
FREEZING PRECIP	6.6		8.3	56.1	18.9	9.2	.9	228
FROZEN PRECIP	3.0		22.4	56.8	11.7	3.6	2.5	724
FOG	13.6		7.2	28.8	32.5	14.7	3.2	5234
FOG WITH VIS GE 1/2 MILES	12.4		7.5	30.3	32.1	14.7	3.0	4784
TOTAL OBS	12390	0	9221	17716	19810	20484	8045	87666

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	BBBBBBBBB
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBB
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	BBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBB

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN PER.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 146 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS

- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4302-4503,5309-8907
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	73.7	69.8	70.0	69.1	55.6	65.2	73.9	71.0	69.8	72.6	76.3	74.6	70.1
TRACE	13.0	13.7	12.7	12.1	14.2	11.5	9.8	9.0	12.2	8.1	8.7	10.3	11.3
.01	2.3	2.4	1.7	1.8	2.5	2.7	1.5	2.3	2.2	1.7	1.8	2.0	2.1
.02-.05	4.2	4.3	3.7	3.8	5.2	3.9	3.0	3.7	2.8	3.5	3.8	4.2	3.8
.06-.10	1.5	2.2	2.3	2.2	3.5	1.8	1.8	2.9	1.8	2.6	1.9	2.5	2.3
.11-.25	1.7	3.3	4.0	3.7	4.7	4.0	3.0	4.5	2.7	3.2	2.9	3.2	3.4
.26-.50	1.9	2.8	3.1	2.5	4.1	4.1	2.9	2.7	2.8	2.7	2.8	1.6	2.8
.51-1.00	1.4	1.3	1.6	3.2	5.3	3.8	2.5	2.5	2.7	3.1	1.3	1.2	2.5
1.01-2.50	.4	.4	1.1	1.7	4.1	2.5	1.5	1.4	2.4	2.0	.4	.5	1.5
2.51-5.00					.6	.4	.1	.1	.4	.4			.2
5.01-10.00					.3				.2	.1			.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	13.3	16.5	17.4	18.8	30.2	23.3	16.3	20.1	18.0	19.3	15.0	15.1	18.6
TOTAL NO. OF OBSERVATIONS	1178	1102	1209	1140	1177	1139	1178	1147	1133	1177	1140	1178	13898

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4302-4503,5309-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		TRACE	1.05	1.03	7.31	1.50	.02	.02	.69	1.26	.44	1.92	15.24*
44	1.47	1.41	.84	1.74	.91	5.05	3.67	2.41	3.01	1.47	1.12	1.51	24.61
45	2.42	1.40	1.71										5.53*
53									.00*	6.86	.95	.37	8.18*
54	.13	TRACE	.11	2.87	8.10	1.38	.09	.31	.30	.56	.03	1.37	15.25
55	1.14	1.20	1.82	.45	6.58	1.92	.97	1.27	3.44	5.90	.18	TRACE	24.87
56	.22	1.19	.36	.87	7.78	.30	.65	.71	TRACE	4.24	.25	1.34	17.91
57	.45	1.17	3.05	6.07	12.61	5.06	2.43	.39	1.82	2.61	1.47	.13	37.26
58	4.05	.21	2.70	2.05	1.05	3.93	4.84	.88	.85	.42	.24	.26	21.48
59	.04	.12	.14	1.00	10.03	4.94	3.00	1.15	3.90	3.67	.25	2.88	31.12
60	.81	1.97	1.48	.04	3.22	2.32	3.45	2.98	1.17	7.27	TRACE	2.82	27.53
61	.19	1.66	3.40	.24	1.01	4.36	2.58	1.53	2.88	2.19	2.09	.77	22.90
62	.10	.02	.23	2.74	3.98	4.32	2.16	.08	4.92	1.97	.90	.50	21.92
63	TRACE	.42	1.46	.91	5.46	1.41	.56	2.24	2.00	.63	2.00	.34	17.43
64	.55	3.08	.95	.30	4.03	1.02	.10	1.00	4.44	.45	3.58	.55	20.05
65	.43	.55	.61	2.22	4.70	4.23	1.16	2.67	7.27	3.94	TRACE	1.59	29.37
66	.68	1.08	.80	1.83	.28	1.92	1.58	5.47	1.76	.75	.08	.23	16.46
67	.00	.09	1.15	1.45	1.66	2.68	3.09	2.69	2.12	1.12	.15	.57	16.77
68	1.88	1.74	1.07	2.85	5.63	.99	4.61	1.90	.54	1.42	2.64	.51	25.78
69	TRACE	1.77	1.46	.18	7.46	2.09	4.81	1.25	3.74	2.49	.30	.52	26.07
70	.08	.19	2.53	.92	1.90	.01	.26	1.63	1.99	.88	.25	.26	10.90
71	.08	.58	TRACE	.66	3.65	1.64	.94	1.93	9.57	3.16	.72	3.05	25.98
72	.04	.26	.27	2.23	2.28	3.20	2.45	2.66	1.33	5.65	1.63	.38	22.38
73	5.21	.76	3.91	2.57	2.29	2.51	2.61	1.07	6.09	2.19	1.19	.02	30.42
74	.12	.02	.86	4.41	3.01	2.84	TRACE	7.42	7.20	3.99	.52	.88	31.27
75	1.68	1.85	1.24	.88	4.81	4.82	8.33	4.89	2.10	1.03	1.94	1.14	34.71
76	TRACE	.19	.74	5.50	2.97	2.93	.75	4.24	2.46	2.41	.32	.12	22.63
77	.88	1.48	.66	2.78	10.23	1.03	1.63	3.35	.70	2.87	.99	.01	26.61
78	.35	1.38	.32	1.61	6.24	4.34	.04	.90	3.12	.05	2.14	.57	21.06
79	1.15	.67	2.31	2.99	4.73	4.56	3.54	3.37	TRACE	1.96	1.23	.91	27.42
80	1.87	.29	.61	1.99	14.88	.62	TRACE	.72	.65	.09	.36	1.35	23.43

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4302-4503,5309-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.12	.44	2.03	6.36	6.19	5.69	.85	1.22	.35	3.61	1.02	.17	28.05
82	1.15	.41	2.15	2.34	6.13	5.11	2.12	.07	.90	.09	1.85	1.02	23.34
83	1.69	.63	2.00	1.06	5.62	3.68	.05	.81	1.12	9.11	.97	.63	27.37
84	.19	1.31	1.48	1.25	.06	2.80	.51	1.54	.26	.82	1.62	4.20	16.04
85	.46	1.98	3.13	3.89	2.98	7.99	.73	2.14	4.15	4.61	1.03	.19	33.28
86	.00	.82	.42	2.37	7.28	3.09	3.30	4.86	5.36	6.92	2.08	.41	36.91
87	1.94	2.02	1.37	.03	9.18	3.79	.93	2.93	3.19	2.99	.16	2.69	31.22
88	1.23	.16	2.12	2.38	.46	1.34	1.40	1.98	7.44	.43	.54	.34	19.82
89	1.65	1.25	2.26	.02	2.94	7.79	1.66						17.57*
LEAST	.00	TRACE	TRACE	.02	.06	.01	TRACE	.02	TRACE	.05	TRACE	TRACE	10.90
GREATEST	5.21	3.08	3.91	6.36	14.88	7.99	8.33	7.42	9.57	9.11	3.58	4.20	37.26
MEAN	.91	.92	1.40	1.97	4.99	3.14	1.89	2.07	2.78	2.69	.98	.96	24.71
MEDIAN	.46	.76	1.24	1.79	4.72	2.89	1.49	1.63	2.10	2.19	.93	.56	24.74
SD	1.140	.747	.993	1.607	3.456	1.913	1.801	1.656	2.406	2.297	.855	.999	6.283
TOTAL OBS	1178	1102	1209	1140	1177	1139	1178	1147	1133	1177	1140	1178	13898

THE GREATEST VALUE OF 14.88 OCCURRED ON 05/80

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4302-4503,5309-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		TRACE	.47	.91	2.12	.76	.01	.02	.45	.93	.43	.81	2.12*
44	.58	1.04	.38	.75	.48	1.81	1.00	1.43	.98	1.28	.41	.80	1.81
45	1.69	.63	.45										1.69*
53									.00*	2.68	.58	.37	2.68*
54	.10	TRACE	.09	1.21	2.51	.48	.09	.18	.30	.39	.03	.77	2.51
55	.30	.86	1.05	.18	1.33	.69	.38	.72	1.14	3.21	.18	TRACE	3.21
56	.10	.48	.34	.80	4.30	.26	.40	.65	TRACE	1.76	.25	.98	4.30
57	.36	.59	1.22	1.94	4.20	1.48	1.75	.21	.56	.92	.42	.13	4.20
58	2.35	.08	.81	.86	.32	1.46	1.27	.77	.70	.36	.15	.20	2.35
59	.03	.06	.10	.70	5.45	3.40	1.56	.61	1.94	.92	.25	.91	5.45
60	.28	1.25	1.06	.04	.99	1.33	1.23	.86	.60	1.89	TRACE	1.26	1.89
61	.18	.63	1.72	.18	.56	1.34	.97	.98	1.40	1.13	1.32	.26	1.72
62	.05	.01	.23	.81	2.15	1.24	.93	.05	1.65	.71	.44	.19	2.15
63	TRACE	.29	.54	.75	3.19	.54	.27	.77	.99	.21	1.20	.15	3.19
64	.48	1.60	.62	.16	1.37	.35	.09	.45	2.61	.18	.95	.25	2.61
65	.24	.32	.38	.91	.96	.96	.56	.84	6.54	2.04	TRACE	1.44	6.54
66	.42	.57	.69	.88	.25	.99	.90	1.97	.87	.75	.05	.10	1.97
67	.00	.08	.57	.78	.98	1.09	1.26	2.13	.76	.69	.06	.47	2.13
68	.82	.44	.34	1.70	2.44	.78	2.54	.59	.40	.60	.90	.36	2.54
69	TRACE	.79	.66	.11	2.62	2.05	1.94	.64	1.28	.53	.19	.33	2.62
70	.04	.09	1.29	.61	1.18	.01	.14	.88	1.01	.39	.22	.24	1.29
71	.05	.42	TRACE	.23	1.27	.90	.66	.39	5.01	1.23	.53	1.74	5.01
72	.03	.11	.27	1.09	.81	2.10	1.35	1.80	1.18	2.59	.44	.21	2.59
73	1.84	.40	1.39	.75	.98	1.26	1.08	1.00	2.27	.98	.59	.02	2.27
74	.11	.02	.58	1.74	1.43	2.42	TRACE	2.69	2.89	1.66	.35	.58	2.89
75	.73	.50	.36	.33	1.71	3.05	2.37	2.13	1.03	.69	1.05	.44	3.05
76	TRACE	.16	.38	2.38	1.15	1.24	.41	1.84	.87	1.15	.20	.10	2.38
77	.52	.95	.41	1.28	3.45	.64	1.02	1.92	.48	2.11	.31	.01	3.45
78	.10	.82	.22	1.10	2.16	1.51	.02	.42	2.63	.03	.64	.52	2.63
79	.46	.52	.77	1.77	1.70	3.73	1.42	2.21	TRACE	1.09	1.21	.46	3.73
80	1.47	.19	.21	1.16	6.28	.58	TRACE	.41	.33	.07	.32	1.06	6.28

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4302-4503,5309-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.04	.21	1.18	1.55	1.75	2.93	.78	.50	.28	1.70	.33	.15	2.93
82	.66	.12	1.65	1.73	1.13	2.72	1.39	.04	.87	.05	.86	.32	2.72
83	.97	.35	1.06	.47	2.33	.95	.04	.78	.59	5.48	.40	.20	5.48
84	.08	.76	.55	.87	.02	1.01	.16	.98	.19	.26	1.44	1.90	1.90
85	.17	.99	1.20	1.37	.92	2.36	.43	.84	1.38	2.87	.64	.12	2.87
86	.00	.50	.30	.73	2.13	1.02	1.66	2.22	1.71	2.85	.84	.15	2.85
87	.74	.70	.63	.03	2.97	1.64	.40	1.61	1.14	1.33	.10	1.49	2.97
88	.74	.12	1.67	1.23	.20	.73	.42	1.54	2.54	.21	.37	.18	2.54
89	.94	.54	1.47	.01	1.17	2.26	.54						2.26*

GREATEST	2.35	1.60	1.72	2.38	6.28	3.73	2.54	2.69	6.54	5.48	1.44	1.90	6.54
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TOTAL OBS	1178	1102	1209	1140	1177	1139	1178	1147	1133	1177	1140	1178	13898
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THE GREATEST VALUE OF 6.54 OCCURRED ON 09/19/65

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 5309-8907
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	86.8	88.0	94.6	99.4	100.0	100.0	100.0	100.0	100.0	99.7	96.3	90.5	96.3
TRACE	9.0	7.0	4.1	.5						.3	2.9	6.7	2.5
0.1-0.4	1.2	1.2	.6									.6	.3
0.5-1.4	1.2	1.3	.3	.1							.3	1.0	.3
1.5-2.4	.7	1.2	.2								.5	.4	.2
2.5-3.4	.4	.9	.3								.1	.2	.1
3.5-4.4	.5	.2										.3	.1
4.5-6.4		.2										.3	.0
6.5-10.4	.2	.1											.0
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	4.1	5.0	1.3	.1							.8	2.8	1.2
TOTAL NO. OF OBSERVATIONS	1086	1017	1086	1080	1115	1079	1116	1085	1073	1115	1080	1116	13048

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 5309-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
53									.0*	.0	TRACE	.0	TRACE*
54	2.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	5.2	8.7
55	4.7	TRACE	1.2	.0	.0	.0	.0	.0	.0	.0	1.8	TRACE	7.7
56	TRACE	6.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.2
57	.1	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	.1
58	.4	3.2	3.2	.0	.0	.0	.0	.0	.0	.0	1.0	3.2	11.0
59	TRACE	.8	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.0	.8
60	4.6	1.7	1.5	.0	.0	.0	.0	.0	.0	.0	.0	7.0	14.8
61	1.9	5.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.0
62	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7	3.7
63	TRACE	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.9
64	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
65	1.8*	TRACE	.2*	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0*
66	7.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	8.0
67	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
68	TRACE	13.8	4.5	.0	.0	.0	.0	.0	.0	.0	1.8	.7	20.8
69	TRACE	2.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	3.1	8.5
70	.1	.0	.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.7
71	.0	4.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.1	9.2
72	TRACE	1.4	.0	.0	.0	.0	.0	.0	.0	.0	2.6	1.9	5.9
73	10.2	3.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	14.6
74	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	.3
75	1.7	7.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.2	13.3
76	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.9	TRACE	3.9
77	4.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	4.0
78	2.0	9.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.0	12.0
79	2.7	9.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	11.7
80	TRACE	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.2
81	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
82	TRACE	4.8	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.8
83	5.2	2.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	2.7	10.4
84	1.8	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.4
85	2.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.7	10.2

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 5309-8907

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	.0	8.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1
87	9.0	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.6	15.8
88	9.4	1.4	TRACE	.0	.0	.0	.0	.0	.0	.0	2.9	TRACE	13.7
89	.6	TRACE	1.5	.0	.0	.0	.0						2.1*
.....													
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
GREATEST	10.2	13.8	4.5	.5	.0	.0	.0	.0	.0	TRACE	3.9	7.0	20.8
MEAN	2.1	2.5	.5	TRACE	.0	.0	.0	.0	.0	TRACE	.4	1.4	7.2
MEDIAN	.4	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.4
SD	2.960	3.412	1.102	.083	.000	.000	.000	.000	.000	.000	.967	2.196	5.469
TOTAL OBS	1086	1017	1086	1080	1115	1079	1116	1085	1073	1115	1080	1116	13048
.....													

THE GREATEST VALUE OF 13.8 OCCURRED ON 02/68

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 5309-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
53									.0*	.0	TRACE	.0	TRACE*
54	1.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	5.2	5.2
55	3.0	TRACE	1.2	.0	.0	.0	.0	.0	.0	.0	1.8	TRACE	3.0
56	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
57	.1	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	.1
58	.4	2.8	3.2	.0	.0	.0	.0	.0	.0	.0	1.0	2.2	3.2
59	TRACE	.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.0	.6
60	3.8	1.4	1.4	.0	.0	.0	.0	.0	.0	.0	.0	5.0	5.0
61	1.8	2.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.7
62	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7	1.7
63	TRACE	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.9
64	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
65	1.8*	TRACE	.2*	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.8*
66	3.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.8
67	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
68	TRACE	5.0	2.5	.0	.0	.0	.0	.0	.0	.0	1.8	.7	5.0
69	TRACE	2.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.2
70	.1	.0	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.4
71	.0	3.8	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.1	5.1
72	TRACE	.8	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.9	1.9
73	4.1	2.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	4.1
74	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.2	.2
75	1.7	5.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.7	5.0
76	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	TRACE	2.0
77	4.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	4.0
78	1.0	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0
79	1.1	7.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.0
80	TRACE	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.2
81	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
82	TRACE	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.0
83	3.0	2.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	3.0
84	.8	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.4
85	1.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.7	3.7

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 5309-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	.0	4.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4
87	6.5	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.9	6.5
88	7.6	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	2.9	TRACE	7.6
89	.3	TRACE	1.5	.0	.0	.0	.0						1.5*
GREATEST	7.6	7.0	3.2	.5	.0	.0	.0	.0	.0	TRACE	2.9	5.2	7.6
TOTAL OBS	1086	1017	1086	1080	1115	1079	1116	1085	1073	1115	1080	1116	13048

THE GREATEST VALUE OF 7.6 OCCURRED ON 01/06/88

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4302-4503,5309-8907
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	86.7	88.8	98.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	99.3	93.4	97.2
TRACE	5.8	4.7	1.0	.1							.2	3.8	1.3
1	4.0	2.7	.3								.3	1.2	.7
2	1.2	.8	.3								.3	1.3	.3
3	.6	2.1	.1										.2
4-6	1.0	.7										.3	.2
7-12	.8	.1											.1
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	7.6	6.4	.7								.5	2.8	1.5
TOTAL NO. OF OBSERVATIONS	1178	1102	1209	1140	1177	1139	1178	1147	1133	1177	1140	1178	13898

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4302-4503,5309-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		0	TRACE	0	0	0	0	0	0	0	0	0	TRACE*
44	4	0	0	0	0	0	0	0	0	0	0	0	4
45	0	4	2										4*
53									0*	0	0	0	0*
54	1	0	1	0	0	0	0	0	0	0	0	4	4
55	4	TRACE	0	0	0	0	0	0	0	0	0	1	4
56	0	3	0	0	0	0	0	0	0	0	0	TRACE	3
57	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
58	TRACE	3	3	0	0	0	0	0	0	0	1	2	3
59	1	1	0	0	0	0	0	0	0	0	0	0	1
60	4	1	1	0	0	0	0	0	0	0	0	2	4
61	3	3	0	0	0	0	0	0	0	0	0	TRACE	3
62	1	TRACE	0	0	0	0	0	0	0	0	0	2	2
63	TRACE	4	0	0	0	0	0	0	0	0	0	TRACE	4
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	7	1	0	0	0	0	0	0	0	0	0	0	7
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	5	0	0	0	0	0	0	0	0	0	1	5
69	0	2	2	0	0	0	0	0	0	0	0	4	4
70	TRACE	0	1	0	0	0	0	0	0	0	0	0	1
71	0	4	TRACE	0	0	0	0	0	0	0	0	5	5
72	TRACE	1	0	0	0	0	0	0	0	0	2	2	2
73	8	1	0	TRACE	0	0	0	0	0	0	0	0	8
74	TRACE	0	TRACE	0	0	0	0	0	0	0	0	TRACE	TRACE
75	1	4	0	0	0	0	0	0	0	0	TRACE	TRACE	4
76	TRACE	0	0	0	0	0	0	0	0	0	2	0	2
77	4	0	0	0	0	0	0	0	0	0	0	0	4
78	2	4	TRACE	0	0	0	0	0	0	0	0	1	4
79	2	7	0	0	0	0	0	0	0	0	0	0	7
80	0	2	0	0	0	0	0	0	0	0	0	0	2

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4302-4503,5309-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
82	0	3	TRACE	0	0	0	0	0	0	0	0	TRACE	3
83	2	3	0	0	0	0	0	0	0	0	0	1	3
84	1	0	0	0	0	0	0	0	0	0	0	2	2
85	2	3	0	0	0	0	0	0	0	0	0	2	3
86	0	6	0	0	0	0	0	0	0	0	0	0	6
87	5	0	0	0	0	0	0	0	0	0	0	5	5
88	9	1	0	0	0	0	0	0	0	0	1	0	9
89	1	0	2	0	0	0	0						2*

GREATEST	9	7	3	TRACE	0	0	0	0	0	0	2	5	9
TOTAL OBS	1178	1102	1209	1140	1177	1139	1178	1147	1133	1177	1140	1178	13898

TE GREATEST VALUE OF 9 OCCURRED ON 01/07/88

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK

PERIOD OF RECORD: 4302-4503,5309-8907
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
43 - 44			JAN 08			JAN 10
44 - 45			FEB 26			MAR 01
53 - 54	NOV 21	JAN 10	JAN 10	MAR 05	MAR 05	MAR 05
54 - 55	DEC 12	DEC 28	DEC 28	MAR 25	MAR 21	JAN 10
55 - 56	NOV 30	NOV 30	DEC 01	MAR 13	FEB 10	FEB 10
56 - 57	DEC 08	JAN 27		APR 12	JAN 27	
57 - 58	NOV 21	JAN 20	FEB 12	MAR 12	MAR 12	MAR 13
58 - 59	NOV 27	NOV 28	NOV 28	MAR 05	FEB 03	FEB 03
59 - 60	OCT 31	JAN 05	JAN 05	MAR 17	MAR 02	MAR 03
60 - 61	DEC 06	DEC 10	DEC 11	MAR 19	FEB 24	FEB 08
61 - 62	DEC 07	DEC 11	JAN 05	FEB 27	JAN 09	JAN 09
62 - 63	NOV 17	DEC 24	DEC 24	FEB 18	FEB 16	FEB 18
63 - 64	DEC 11			MAR 09		
64 - 65	DEC 03	JAN 09		MAR 01	MAR 01	
65 - 66	DEC 15	JAN 19	JAN 19	FEB 22	FEB 21	FEB 21
66 - 67	DEC 09			MAR 06		
67 - 68	NOV 27	FEB 12	FEB 13	MAR 22	MAR 20	FEB 25
68 - 69	NOV 27	NOV 30	DEC 28	MAR 16	MAR 15	MAR 03
69 - 70	DEC 04	DEC 28	DEC 29	APR 04	MAR 12	MAR 12
70 - 71	FEB 06	FEB 07	FEB 21	MAR 02	FEB 21	FEB 22
71 - 72	NOV 22	DEC 02	DEC 03	FEB 11	FEB 11	FEB 11
72 - 73	NOV 18	NOV 20	NOV 21	APR 08	APR 08	FEB 17
73 - 74	DEC 18			MAR 20		
74 - 75	NOV 29	DEC 10	JAN 02	MAR 29	FEB 16	FEB 22
75 - 76	NOV 25	DEC 24		FEB 06	DEC 29	
76 - 77	OCT 28	NOV 13	NOV 13	FEB 26	JAN 09	JAN 11
77 - 78	NOV 08	JAN 24	JAN 25	MAR 03	FEB 17	FEB 19
78 - 79	DEC 07	DEC 31	DEC 31	FEB 24	FEB 16	FEB 18
79 - 80	NOV 10	FEB 09	FEB 09	MAR 29	FEB 09	FEB 11
80 - 81	NOV 16			FEB 10		

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK

PERIOD OF RECORD: 4302-4503,5309-8907
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
81 - 82	JAN 30	FEB 08	FEB 09	MAR 27	FEB 25	FEB 26
82 - 83	NOV 24	JAN 01	JAN 02	APR 07	FEB 04	FEB 05
83 - 84	NOV 23	DEC 15	DEC 16	MAR 05	JAN 20	JAN 18
84 - 85	DEC 04	DEC 04	DEC 05	FEB 14	JAN 31	FEB 04
85 - 86	NOV 30	NOV 30	DEC 13	MAR 20	FEB 10	FEB 13
86 - 87	JAN 09	JAN 17	JAN 18	MAR 09	FEB 20	JAN 26
87 - 88	NOV 18	DEC 13	DEC 14	MAR 17	FEB 11	FEB 11
88 - 89	NOV 19	NOV 19	NOV 20	MAR 21	MAR 21	MAR 21

MEDIAN-DATE

NOV 28

DEC 26

DEC 31

MAR 10

FEB 16

FEB 17

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCCC
PP	AA AA	RR RR	TT	CCCCC

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 5608-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
56								NNE*37	WSW 40	ENE 40	NNW 40	NNW 38	WSW*40
57	NNE 36	NNE 36	NW *41	WSW 56	WSW 43	SSW 60	N 34	WNW 30	NNE 32	SSE 30	N 39	NNE 44	SSW*60
58	NNW 37	NW 50	WNW 34	N 52	NNW 35	NE 36	WNW 49	NNW 29	NNE 37	NE 28	W 56	NNE 35	W 56
59	WNW 34	WSW 55	NNW 51	NE 47	S 43	E 50	NE 38	SSW 31	N 41	NE *36	N 43	NNW 33	WSW*55
60	W 38	NW 37	NW 42	N 46	WSW 42	SSE 48	NW 34	NW 41	W 32	ESE 37	N 37	N 44	SSE 48
61	NE 56	NE 37	NW 48	NNW 43	NW 40	NE 39	NW 38	N 36	N *38	NE 34	NNW*35	N *37	NE *56
62	N 47	NNE 38	W 47	N 35	WNW 58	NW 52	SSE 36	NW 46	NNW 41	NE 41	NNW*30	N 46	WNW*58
63	N 41	NNE 48	E 38	SSW*35	SW 46	N *35	SSE 50	W 47	N *34	N *29	NNE 41	NNW*36	SSE*50
64	NW 41	N 36	NW 44	NNW 59	S 39	W 48	N 36	S 43	NNE 38	N 34	NNE 34	N 38	NNW 59
65	SW 49	N 48	N 40	SW 41	SSE 43	WNW 44	ESE 45	NNW 45	S 36	W 38	W 47	NW 36	SW 49
66	NW 34	SE 41	NW 56	SE 44	NNE 36	SSW 65	ESE 30	NW 43	N 41	NNE 41	N 37	SW 34	SSW 65
67	NNW 50	N 41	NNE 45	SSW 41	ESE 42	SSE 60	NE 33	NE 62	NW 38	N 43	N 39	WSW 45	NE 62
68	N 36	NNE 45	N 43	SW 44	S 43	SSE 37	36/ 48	18/ 53	29/ 38	03/ 36	34/ 43	26/ 42	18/ 53
69	36/ 42	26/ 43	34/ 41	15/ 40	32/ 45	35/ 38	32/ 38	36/ 35	32/ 38	34/ 31	35/ 34	34/ 66	34/ 66
70	35/ 40	01/ 38	01/ 42	28/ 56	22/ 49	19/ 68	36/ 35	21/ 46	04/ 41	32/ 42	01/*46	34/ 46	19/*68
71	36/ 42	02/ 46	33/ 51	36/ 55	30/ 54	31/ 48	22/ 36	22/ 46	04/ 52	25/ 40	32/ 35	25/ 30	36/ 55
72	01/ 42	03/ 36	16/ 50	28/ 57	15/ 36	34/ 40	32/ 52	13/ 42	31/ 45	02/ 40	34/ 42	28/ 45	28/ 57
73	01/ 50	31/ 42	22/ 51	27/ 46	32/ 52	34/ 44	15/ 42	24/ 38	03/ 40	25/ 38	28/ 40	32/ 46	32/ 52
74	36/ 38	36/ 50	05/ 41	24/ 57	21/ 57	36/ 55	18/ 38	24/ 35	34/ 44	03/ 39	01/ 35	34/ 41	24/ 57
75	36/ 56	24/ 82	25/ 48	16/ 60	19/ 51	30/ 57	20/ 32	17/ 33	34/ 50	36/ 31	22/ 47	02/ 42	24/ 82
76	36/ 46	35/ 45	33/ 42	28/ 45	31/ 62	19/ 60	13/ 44	13/ 36	01/ 35	03/ 31	03/ 44	01/ 44	31/ 62
77	03/ 47	30/ 52	30/ 51	33/ 41	24/ 80	19/ 36	35/*66	33/ 36	12/ 38	02/ 42	35/ 44	25/ 41	24/*80
78	36/ 37	01/ 45	35/ 35	33/ 42	33/ 55	30/ 36	02/ 49	36/ 38	16/ 34	03/ 39	25/ 47	01/ 35	33/ 55
79	34/ 44	01/ 36	34/ 52	20/ 38	02/ 36	19/ 42	22/ 39	29/ 47	03/ 22	01/ 45	17/ 28	01/ 47	34/ 52
80	36/ 39	23/ 36	12/ 43	33/ 49	28/ 42	33/ 53	33/ 27	15/ 30	02/ 32	36/ 39	36/ 34	36/ 38	33/ 53
81	01/ 29	33/ 43	30/ 43	31/ 46	33/ 46	31/ 40	07/ 28	13/ 43	14/ 29	02/ 34	32/ 40	35/ 34	31/ 46
82	03/ 41	03/ 33	33/ 44	24/ 44	30/ 42	30/ 39	17/ 28	34/ 25	05/ 34	23/ 39	18/ 34	36/ 30	33/ 44
83	35/ 52	34/ 30	31/ 37	35/ 56	34/ 39	16/ 53	16/ 31	36/ 42	01/ 43	22/ 33	30/ 36	01/ 29	35/ 56
84	36/ 33	36/ 54	34/ 40	23/ 49	34/ 36	22/ 36	13/ 33	07/ 34	36/ 33	24/ 40	33/ 40	36/ 32	36/ 54
85	02/ 48	01/ 35	01/ 33	01/ 44	30/ 40	35/ 50	13/ 34	34/ 37	30/ 47	01/ 42	34/ 32	02/ 28	35/ 50
86	01/ 34	36/ 31	27/ 38	35/ 42	28/ 41	04/ 47	18/ 38	04/ 42	21/ 45	34/ 35	02/ 37	35/ 35	04/ 47
87	03/ 31	36/ 37	33/ 50	03/ 46	32/ 39	31/ 39	17/ 35	15/ 29	32/ 60	03/ 39	02/ 33	33/ 33	32/ 60
88	33/ 31	03/ 37	03/ 41	34/ 40	13/ 40	04/ 36	09/ 45	02/ 38	35/ 39	03/ 34	24/ 52	03/ 40	24/ 52
89	23/ 38	01/ 30	02/ 41	19/ 47	14/ 47	32/ 42	15/ 28						19/*47

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5608-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GREATEST	NE 56 24/ 82	NW 56 16/ 60	24/ 80	19/ 68	35/ 66	NE 62 32/ 60	01/ 45	W 56 34/ 66	24/ 82				
TOTAL OBS	1015	929	1003	983	1014	977	1017	1010	959	994	968	1010	11879

THE PEAK WIND OF 82 FROM 24/ OCCURRED ON 02/22/75

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 5608-8907
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS										GE 65	MEAN MEDIAN		TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64		WIND	WIND	
JAN	.0	3.9	18.4	24.6	22.9	15.6	7.6	3.9	2.6	.5	.0	21.1	20.0	1015
FEB	.0	1.5	15.1	21.6	23.1	18.1	11.7	5.3	2.9	.5	.1	22.8	22.0	929
MAR	.0	.5	8.0	17.5	20.1	22.7	16.4	7.7	6.2	.9	.0	25.7	25.0	1003
APR	.0	.7	5.5	16.0	21.7	22.9	17.5	8.3	6.2	1.2	.0	26.3	26.0	983
MAY	.0	.6	7.4	19.3	22.2	22.1	14.4	8.4	4.4	1.1	.1	25.3	25.0	1014
JUN	.0	1.1	7.6	22.5	27.1	21.8	9.5	6.3	2.4	1.4	.2	24.0	23.0	977
JUL	.0	.9	12.2	30.4	29.1	18.4	5.6	2.5	.7	.2	.1	21.3	20.0	1017
AUG	.0	1.5	12.5	32.0	29.3	14.9	5.9	2.0	1.8	.2	.0	21.0	20.0	1010
SEP	.0	2.8	16.9	27.9	25.5	14.6	7.6	2.9	1.4	.3	.0	20.8	20.0	959
OCT	.0	3.5	18.9	24.4	23.3	17.0	7.5	3.7	1.5	.0	.0	20.8	20.0	994
NOV	.1	3.4	16.9	24.2	24.1	16.6	8.7	3.7	2.1	.2	.0	21.3	20.0	968
DEC	.0	3.3	21.0	25.6	19.5	17.8	6.9	3.3	2.5	.0	.1	20.7	20.0	1010
ANNUAL	.0	2.0	13.4	23.9	24.0	18.5	9.9	4.8	2.9	.5	.1	22.6	22.0	11879

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	3.7	4.9	1.6	.2	.1						14.5	8.9	8.0
020-040	4.4	4.5	3.7	.9	.6	.4						14.5	8.6	8.0
050-070	1.5	.5	.3	.1								2.5	5.5	4.0
(E) 080-100	1.9	1.2	.1	.2								3.4	4.7	4.0
110-130	4.2	3.9	1.2									9.2	5.5	5.0
140-160	3.9	3.1	.6									7.6	5.0	4.0
(S) 170-190	.8	1.7	.9									3.3	6.8	6.0
200-220	1.0	.5	.1									1.6	4.5	4.0
230-250	.3	.2	.2									.8	6.9	5.0
(W) 260-280	.8	.8										1.5	4.3	4.5
290-310	4.1	1.5	.2									5.8	4.1	4.0
320-340	4.0	3.5	.8	.3	.1							8.7	5.8	5.0
VARIABLE														
CALM	////////////////////											26.5	////////	
TOTALS	30.9	25.1	13.0	3.1	.9	.5						100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.5	4.7	4.6	2.2	.5							17.5	8.4	8.0
020-040	2.5	2.4	4.5	1.4	.8	.4						11.9	10.7	10.0
050-070	1.4	1.1	.2									2.7	4.9	4.0
(E) 080-100	2.6	1.4										4.0	3.8	3.0
110-130	3.8	3.3	1.3	.1								8.5	5.6	5.0
140-160	2.7	2.9	.8									6.3	5.5	5.0
(S) 170-190	.4	1.2										1.6	5.3	6.0
200-220	1.2	.2	.2									1.6	4.3	3.0
230-250	1.0	.3	.2									1.5	4.9	3.5
(W) 260-280	1.5	.9										2.4	3.9	4.0
290-310	3.7	2.0	.5	.1								6.3	4.9	4.0
320-340	3.9	4.5	1.2	.5								10.1	6.2	5.0
VARIABLE														
CALM	////////////////////////////////////											25.5	////////////////////////////////	
TOTALS	30.2	24.9	13.5	4.3	1.3	.4						100.0	5.1	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	4.4	6.3	1.9	.1	.1						17.4	9.0	9.0
020-040	2.4	2.8	5.5	1.8	1.0							13.4	10.6	10.0
050-070	1.1	1.0	.1									2.2	4.9	4.5
(E) 080-100	1.6	.8										2.4	3.9	4.0
110-130	2.7	3.0	.6	.1								6.5	5.9	5.0
140-160	2.8	4.4	1.1	.1								8.4	6.1	5.0
(S) 170-190	1.2	.6	.3									2.2	4.7	4.0
200-220	.8	.5	.2									1.5	5.6	5.0
230-250	1.2	.4										1.6	4.0	3.0
(W) 260-280	2.4	1.0	.1									3.4	3.9	4.0
290-310	3.1	2.8	.4									6.3	5.2	5.0
320-340	3.9	6.0	1.2	.1								11.2	6.2	6.0

VARIABLE														
CALM	////////////////////											23.5	////////	
TOTALS	27.7	27.7	15.8	4.0	1.1	.1						100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTU AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.8	4.5	6.6	2.8	1.2							16.9	11.0	10.0
020-040	2.3	3.7	6.1	4.2	1.3							17.5	11.2	11.0
050-070	.5	1.7	.6									2.9	6.7	6.0
(E) 080-100	1.0	1.6	.1									2.7	4.9	5.0
110-130	1.4	1.9	2.2	.1								5.6	7.5	7.0
140-160	1.6	4.3	3.5	.3	.2							10.0	8.3	8.0
(S) 170-190	1.8	3.9	1.6	.3								7.6	7.2	7.0
200-220	1.9	1.7	.9	.2	.1							4.8	6.5	5.0
230-250	1.0	1.4	.1	.1								2.6	5.5	5.0
(W) 260-280	1.5	.9	.2	.1								2.7	5.3	4.0
290-310	2.0	3.1	.3									5.5	5.4	5.0
320-340	2.7	4.5	2.5	.6								10.3	7.7	8.0
VARIABLE														
CALM	////////////////////////////////////											10.9	////////////////////////////////	
TOTALS	19.5	33.2	24.7	8.7	2.8							100.0	7.6	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	3.2	7.6	4.1	1.4							17.8	11.9	12.0
020-040	1.3	3.3	5.9	4.5	1.0	.1						16.1	11.9	12.0
050-070	.4	1.7	.8									2.9	7.3	7.0
(E) 080-100	1.3	1.5	.3									3.1	5.9	5.0
110-130	1.7	1.7	1.7	.4	.1							5.7	8.0	7.0
140-160	1.3	2.4	4.0	1.0	.1							8.7	9.7	10.0
(S) 170-190	2.3	3.9	4.6	1.4	.1							12.3	9.5	9.5
200-220	1.5	2.9	3.0	.5	.2							8.2	8.9	8.0
230-250	1.3	2.7	1.2		.2	.3						5.7	8.5	6.0
(W) 260-280	1.1	1.3	.6			.1						3.1	7.0	6.0
290-310	1.4	2.0	.6	.2								4.3	6.7	6.0
320-340	1.6	2.8	2.0	1.1	.1							7.6	8.7	8.0
VARIABLE														
CALM	////////////////////////////////////											4.4	////////////////////////////////	
TOTALS	16.7	29.4	32.3	13.2	3.2	.5						100.0	9.3	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	3.5	8.9	3.7	.8	.1						18.7	11.4	12.0
020-040	2.0	4.5	7.1	1.8	.3		.2	.1				16.1	10.3	10.0
050-070	1.3	2.4	.5	.1								4.3	6.1	6.0
(E) 080-100	1.3	1.9	.2									3.4	5.2	5.0
110-130	1.3	2.9	1.3	.4								5.9	7.9	8.0
140-160	1.6	3.0	4.2	1.3	.1							10.2	9.8	10.0
(S) 170-190	2.5	4.3	3.9	2.3								12.9	9.1	8.0
200-220	1.4	1.8	2.2	1.0								6.3	8.8	9.0
230-250	.5	1.1	1.0	.2	.2							3.0	9.3	9.0
(W) 260-280	1.6	1.2	.6	.1		.1						3.7	6.7	5.0
290-310	1.1	.6	.2		.1							2.0	6.5	4.0
320-340	1.8	2.6	1.6	.8	.2							7.0	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////											6.3	////////////////////////////////	
TOTALS	18.1	29.8	31.7	11.7	1.7	.2	.2	.1				100.0	8.7	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 18-20

		WIND SPEE IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		6.0	5.5	4.5	1.1	.8	.2						18.1	8.1	6.0
020-040		4.9	5.4	2.4	1.0	.3	.2	.2					14.4	8.1	6.0
050-070		2.3	1.4	.1	.1								3.9	4.8	4.0
(E) 080-100		3.1	2.5	.1									5.7	4.4	4.0
110-130		5.1	5.3	1.8	.1								12.3	5.7	5.0
140-160		3.9	5.3	1.8	.2								11.2	6.1	6.0
(S) 170-190		2.6	3.1	1.6									7.3	6.3	6.0
200-220		2.4	.9										3.2	3.8	3.0
230-250		.5	.3	.1									1.0	4.7	4.0
(W) 260-280		1.1	.1										1.2	3.5	4.0
290-310		.4	.5		.1	.1							1.2	7.5	6.0
320-340		1.4	2.8	.6	.4	.2							5.5	7.3	6.0
VARIABLE															
CALM		////////////////////////////////////											15.2	////////////////////////////////	
TOTALS		33.7	33.1	13.0	3.0	1.4	.4	.2					100.0	5.6	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	3.3	4.0	2.5	.2	.1						14.9	8.9	8.0
020-040	5.9	5.7	4.6	1.2	.3	.1						17.8	7.7	7.5
050-070	1.6	1.5	.4	.2								3.8	5.7	5.0
(E) 080-100	3.8	1.4	.2	.1								5.5	4.2	3.0
110-130	3.9	4.4	1.9	.1								10.3	6.1	6.0
140-160	2.5	3.7	1.7									7.8	6.4	6.0
(S) 170-190	1.8	2.3	1.7									5.8	6.8	6.0
200-220	.9	1.5	.2									2.6	5.7	5.0
230-250	.8	.2	.1									1.1	5.0	4.0
(W) 260-280	1.1	.3										1.4	4.2	4.0
290-310	1.4	.6										2.0	3.8	4.0
320-340	1.8	2.8	.9	.3	.1							5.9	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											21.0	////////////////////////////////	
TOTALS	30.3	27.7	15.7	4.4	.6	.2						100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.7	4.1	5.9	2.5	.6	.1						17.0	9.8	10.0
020-040	3.2	4.0	5.0	2.1	.7	.2	.1	.0				15.2	9.9	10.0
050-070	1.3	1.4	.4	.1								3.1	5.8	5.0
(E) 080-100	2.1	1.5	.1	.0								3.8	4.6	4.0
110-130	3.0	3.3	1.5	.2	.0							8.0	6.3	6.0
140-160	2.5	3.6	2.2	.4	.1							8.8	7.3	7.0
(S) 170-190	1.7	2.6	1.8	.5	.0							6.6	7.9	8.0
200-220	1.4	1.3	.8	.2	.0							3.7	7.0	6.0
230-250	.8	.8	.4	.0	.1	.0						2.2	6.9	6.0
(W) 260-280	1.4	.8	.2	.0		.0						2.4	5.2	4.0
290-310	2.2	1.7	.3	.1	.0							4.2	5.3	4.0
320-340	2.6	3.7	1.3	.5	.1							8.3	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											16.7	////////////////////////////////	
TOTALS	25.9	28.8	19.9	6.6	1.6	.3	.1					100.0	6.5	7.0
TOTAL NUMBER OF OBSERVATIONS 7440														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.5	4.9	10.0	4.8	1.1							23.3	11.4	12.0
020-040	2.2	4.1	9.4	4.2	1.0		.1	.1				21.2	11.8	12.0
050-070	.4	2.5	1.6	.1								4.7	8.0	7.5
(E) 080-100	1.6	4.2	.3									6.2	5.7	5.0
110-130	2.5	3.8	4.0	.1								10.4	7.9	8.0
140-160	2.1	5.2	4.0	.4								11.6	7.8	8.0
(S) 170-190	1.0	4.4	.8									6.2	6.8	6.0
200-220	.5	.5										1.1	4.4	4.5
230-250	.4	.1										.5	4.3	4.0
(W) 260-280	.1	.1										.3	5.0	5.0
290-310	.4	1.0	.1									1.5	5.9	5.0
320-340	1.8	1.6	.8									4.2	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											8.9	////////	
TOTALS	15.5	32.4	31.0	9.6	2.1		.1	.1				100.0	8.5	9.0

TOTAL NUMBER OF OBSERVATIONS 731

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBEP: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 00-02

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.5	5.4	5.1	2.4	.4		.4					17.1	9.6	9.0
020-040	3.7	7.1	5.3	1.6	.1							17.8	8.7	8.0
050-070	1.3	1.8	.6									3.7	5.8	5.0
(E) 080-100	3.8	.2	.1	.2								4.4	3.9	3.0
110-130	6.1	5.9	1.4									13.4	5.4	5.0
140-160	2.2	2.6	1.8									6.6	6.6	6.0
(S) 170-190	.8	1.3	.6	.4								3.1	7.6	7.0
200-220	.6	.5	.4	.1								1.5	6.9	6.0
230-250	.5	.8	.4									1.6	6.6	7.0
(W) 260-280	.5	.5										.9	4.4	4.5
290-310	2.9	1.2	.4	.2								4.7	4.9	3.5
320-340	2.6	2.7	1.5	.4	.4							7.5	7.3	6.0
VARIABLE														
CALM	////////////////////////////////////											17.7	//////////	
TOTALS	28.5	30.0	17.6	5.3	.9		.4					100.0	6.0	6.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	5.4	4.6	3.2	.4	.1						17.7	9.3	8.0
020-040	1.8	5.2	4.5	1.8	.4							13.5	9.5	9.0
050-070	1.9	1.4	.4	.1								3.8	5.4	4.5
(E) 080-100	2.4	.9	.5	.4								4.1	6.0	4.0
110-130	6.7	4.9	2.2									13.9	5.3	5.0
140-160	2.6	4.0	.6									7.2	5.7	6.0
(S) 170-190	.4	.8	.7									1.9	7.8	8.0
200-220	.6	.4	.7									1.6	7.0	6.5
230-250	.2	.4	.2									.8	7.3	7.0
(W) 260-280	.7	.4	.1									1.2	4.1	3.5
290-310	2.8	2.7	.4									5.9	5.1	5.0
320-340	4.0	5.4	.9	.5	.4	.1						11.3	6.8	5.5
VARIABLE														
CALM	////////////////////											17.1	////////	
TOTALS	28.1	31.9	15.8	6.0	1.2	.2						100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	6.0	5.9	2.4	.6							18.8	9.1	9.0
020-040	2.6	5.3	4.7	2.2	.5							15.3	9.4	9.0
050-070	.8	.5	.7									2.0	6.9	5.0
(E) 080-100	2.5	1.2	.4	.4								4.4	5.4	4.0
110-130	4.8	4.6	2.2									11.7	6.0	5.0
140-160	2.6	4.0	.9									7.5	6.3	6.5
(S) 170-190	.4	.6	.6	.1								1.6	7.7	8.0
200-220	.4	.5	.2									1.1	6.2	6.0
230-250	.4	.5	.1	.2								1.2	7.7	6.5
(W) 260-280	2.1	.6	.2	.1	.1							3.2	5.4	4.0
290-310	2.9	2.5	.4	.2								6.0	5.5	5.0
320-340	3.1	3.8	1.2	.6	.4							9.0	7.2	6.0
VARIABLE														
CALM	////////////////////											18.3	////////	
TOTALS	26.6	30.1	17.5	6.2	1.6							100.0	6.1	6.5

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	3.5	6.2	4.9	1.8	.4						18.3	12.5	12.0
020-040	1.8	5.2	6.4	2.7	.6	.2						16.8	10.7	10.0
050-070	1.6	1.6	.1	.2								3.7	5.9	5.0
(E) 080-100	1.3	2.6	.1	.2								4.2	6.3	5.0
110-130	1.3	2.9	1.4	.9								6.6	8.7	8.5
140-160	1.8	6.5	4.0	1.1								13.3	8.3	8.0
(S) 170-190	.9	3.8	3.9	.5								9.1	8.8	9.0
200-220	1.2	.9	.6	.1								2.8	6.9	6.0
230-250	1.6	.6	.4	.1								2.7	5.3	4.0
(W) 260-280	1.6	1.1	.2	.1								3.1	5.2	4.0
290-310	1.8	2.6	.7	.2	.6							5.9	8.2	7.0
320-340	1.4	3.5	1.5	.9	.6	.1						8.1	9.3	8.0
VARIABLE														
CALM	////////////////////////////////////											5.4	////////////////////////////////	
TOTALS	17.7	34.8	25.5	11.9	3.6	.7						100.0	8.8	9.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.6	1.9	6.0	4.5	2.6	.5	.1					16.1	14.2	14.0
020-040	1.3	5.9	6.5	3.9	.1	.1						17.8	10.6	10.0
050-070	1.2	1.4	.4	.4								3.3	6.6	6.0
(E) 080-100	1.3	1.1	.5									2.8	5.3	5.5
110-130	1.4	1.9	1.9	.7								5.9	8.5	8.5
140-160	1.5	2.2	3.7	.9	.2							8.6	9.6	10.0
(S) 170-190	1.4	5.4	7.2	2.7								16.7	10.3	10.0
200-220	1.8	2.4	2.1	.6	.1							6.9	8.2	8.0
230-250	1.6	2.2	.4	.1								4.4	6.5	6.0
(W) 260-280	.9	1.5	.6	.1								3.2	7.0	7.0
290-310	1.3	1.4	.5	.7	.4							4.2	9.3	8.0
320-340	.9	2.2	2.6	1.6	.5							7.9	10.9	10.0
VARIABLE														
CALM	////////////////////////////////////											2.1	////////	
TOTALS	15.2	29.5	32.4	16.2	3.9	.6	.1					100.0	9.9	10.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	2.6	7.2	2.2	2.1	.1	.1					15.8	12.5	12.0
020-040	1.5	4.1	7.9	3.3	.4							17.2	11.1	10.5
050-070	.9	2.2	1.3	.1								4.6	7.5	7.0
(E) 080-100	.5	1.1	.7	.2								2.5	7.9	7.0
110-130	1.8	2.5	1.9	.1	.2							6.5	8.0	8.0
140-160	1.3	4.0	5.1	2.7	.1							13.2	10.3	10.0
(S) 170-190	1.8	3.1	5.8	2.7								13.3	10.3	11.0
200-220	1.4	2.8	1.6	.2								6.1	7.3	6.0
230-250	.4	2.1	.8	.4	.4							4.0	9.5	8.0
(W) 260-280	.7	.9	.6	.1								2.4	7.1	6.0
290-310	.5	1.2	.4	.5	.2							2.7	9.4	7.0
320-340	.8	2.8	1.9	2.5	.7							8.7	11.3	10.5
VARIABLE														
CALM	////////////////////											3.1	////////	
TOTALS	13.0	29.4	35.2	15.0	4.1	.1	.1					100.0	9.9	10.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	4.7	4.2	2.0	.9	.4	.1					16.4	9.7	8.0
020-040	3.8	6.1	4.9	2.6	.2							17.7	9.0	8.0
050-070	2.5	2.6	.8	.2								6.1	6.1	5.0
(E) 080-100	2.4	2.1	.7									5.2	5.3	5.0
110-130	4.5	5.4	1.5	.5	.1							12.0	6.4	6.0
140-160	4.1	7.1	3.7	.5								15.3	7.1	6.0
(S) 170-190	1.3	3.1	1.4	.1								5.9	7.4	7.0
200-220	.6	.8	.2	.1								1.8	6.3	6.0
230-250	.8	.8	.1									1.8	5.0	5.0
(W) 260-280	.9	.1		.1								1.2	4.8	3.5
290-310	.7	.8	.4	.2	.1							2.2	8.4	7.0
320-340	1.1	1.2	1.9	.6	.2							4.9	9.6	10.0
VARIABLE														
CALM	////////////////////											9.5	////////	
TOTALS	26.7	34.8	19.8	6.9	1.5	.4	.1					100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	4.1	4.2	2.1	.7	.1	.2					16.3	9.4	8.0
020-040	5.8	5.1	6.0	2.2	.6							19.7	8.7	8.0
050-070	1.8	1.3	.6	.2								3.9	6.2	5.0
(E) 080-100	3.4	1.2	.5	.2								5.3	4.9	4.0
110-130	5.8	5.4	3.4	.1		.1						14.8	6.2	5.5
140-160	3.5	5.7	2.4	.1	.1							11.8	6.6	6.0
(S) 170-190	.6	1.4	.9	.1								3.1	7.5	8.0
200-220	.5	.5	.1	.2								1.3	7.7	5.0
230-250	.8	.6										1.4	4.6	4.0
(W) 260-280	.9	.1	.2									1.3	4.5	3.0
290-310	1.6		.4	.1	.1							2.2	6.1	4.0
320-340	1.1	2.6	1.1	.4	.5							5.5	8.7	7.0
VARIABLE														
CALM	////////////////////////////////////											13.4	////////////////////////////////	
TOTALS	30.5	28.0	19.8	5.7	2.0	.2	.2					100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	4.2	5.4	3.0	1.2	.2	.1					17.0	10.8	10.0
020-040	2.8	5.5	5.8	2.5	.4	.0						17.0	9.7	10.0
00-070	1.5	1.6	.6	.2								3.9	6.3	5.0
(E) 080-100	2.2	1.3	.4	.2								4.1	5.5	4.0
110-130	4.0	4.2	2.0	.3	.0	.0						10.6	6.4	6.0
140-160	2.5	4.5	2.8	.7	.1							10.4	7.8	7.0
(S) 170-190	.9	2.4	2.6	.8								6.8	9.3	10.0
200-220	.9	1.1	.8	.2	.0							2.9	7.4	6.0
230-250	.8	1.0	.3	.1	.0							2.2	6.8	6.0
(W) 260-280	1.1	.6	.3	.1	.0							2.0	5.7	4.0
290-310	1.8	1.5	.4	.3	.2							4.2	6.8	5.0
320-340	1.9	3.0	1.6	.9	.4	.0						7.9	8.8	8.0
VARIABLE														
CALM	////////////////////////////////////											10.8	////////////////////////////////	
TOTALS	23.4	30.9	23.0	9.3	2.3	.2	.1					100.0	7.5	8.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS															
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN	
(DEGREES)												%	WIND	WIND	
(N) 350-010	1.3	5.4	11.1	4.6	1.5	.3	.1						24.2	11.7	12.0
020-040	2.7	9.3	10.6	3.8	.1	.3						26.8	10.0	10.0	
050-070	1.1	3.1	.6	.3						5.1	7.2	7.0			
(E) 080-100	1.5	3.8	.9						6.2	6.6	6.0				
110-130	2.2	7.4	2.4						12.0	6.8	6.5				
140-160	1.0	3.8	3.8	.6						9.3	9.1	9.0			
(S) 170-190	.3	1.7	2.3	.4						4.6	9.4	10.0			
200-220	.1	.3	.5	.1						1.0	9.5	10.0			
230-250	.4	.1				.3						.8	8.8	3.5	
(W) 260-280	.1			.1						.3	7.0	7.0			
290-310	.1	.4	.1	.1						.8	8.7	8.0			
320-340	.9	1.3	.6	.6	.5						4.0	9.8	8.0		
VARIABLE															
CALM	////////////////////////////////////											5.0	////////////////////////////////		
TOTALS	11.7	36.6	33.0	10.5	2.4	.6	.1						100.0	9.1	9.0

TOTAL NUMBER OF OBSERVATIONS 784

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.6	2.5	3.2	2.3	1.5	.2						12.3	11.4	11.0
020-040	4.1	3.7	2.3	.9	1.3	.1						12.3	8.6	7.0
050-070	2.6	1.0	.6									4.2	4.9	4.0
(E) 080-100	3.5	1.6	1.3	.1								6.6	5.4	4.0
110-130	6.2	5.5	3.7	.2								15.6	6.3	6.0
140-160	2.5	5.7	3.2	.3								11.7	7.7	8.0
(S) 170-190	.4	.8	1.2	.6	.1							3.1	10.4	10.0
200-220	.3	1.1	.6									2.0	7.3	7.0
230-250	.2	.6	.2									1.1	7.0	7.0
(W) 260-280	.5	.4	.2	.1								1.3	6.9	6.0
290-310	1.2	1.3	.6	1.0	.2							4.3	9.3	7.5
320-340	1.5	2.6	1.5	1.1	.9	.3						7.8	10.8	8.0
VARIABLE														
CALM	////////////////////////////////////										17.7	////////		
TOTALS	25.6	26.8	18.6	6.6	4.0	.6						100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	3.2	4.9	2.0	.9	.9						14.2	11.6	12.0
020-040	3.4	2.8	2.6	1.0	.5							10.3	8.1	7.0
050-070	1.6	1.1	.6	.1								3.4	6.1	5.0
(E) 080-100	3.3	.8	1.3									5.4	5.1	3.0
110-130	6.9	5.8	2.7		.1							15.5	5.8	5.0
140-160	1.7	4.2	1.7	.1	.2							8.0	7.5	7.5
(S) 170-190	.8	.3	1.5	.3								2.9	9.3	10.0
200-220	.5	1.1	.4									2.0	6.9	6.0
230-250	.8	.1										.9	3.5	3.0
(W) 260-280	1.4	1.0	.2									2.6	5.2	4.0
290-310	1.2	1.3	1.8	.2	.2							4.7	8.8	9.0
320-340	3.0	3.1	1.4	.9	1.0	.2						9.6	9.0	7.0
VARIABLE														
CALM	////////////////////											20.5	////////	
TOTALS	26.9	24.8	19.1	4.6	2.9	1.1						100.0	6.3	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	2.8	4.7	2.0	.9	.5						13.0	11.5	12.0
020-040	3.0	3.9	2.9	.9	.2							10.9	8.1	8.0
050-070	1.0	1.2	.4									2.6	6.0	6.0
(E) 080-100	2.5	1.7	1.3	.1								5.6	6.2	5.0
110-130	6.2	5.2	2.8	.5								14.7	6.3	5.0
140-160	2.8	5.4	2.8	.5								11.5	7.2	7.0
(S) 170-190	.8	1.6	.5	.1								3.0	7.1	6.0
200-220	.6	1.4	.4	.1								2.6	7.0	6.5
230-250	.4	.5	.4	.1								1.5	7.8	8.0
(W) 260-280	1.0	1.1	.4	.1								2.6	6.5	6.0
290-310	1.4	2.2	1.3	.6	.1							5.6	8.3	8.0
320-340	2.5	3.7	3.0	1.0	.3	.1						10.5	8.6	8.0
VARIABLE														
CALM	////////////////////											15.9	////////	
TOTALS	24.2	30.7	20.9	6.0	1.5	.6						100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	3.0	4.4	2.8	2.6	.6						14.1	13.8	14.0
020-040	1.0	3.2	3.4	1.6	.8	.1						10.1	11.0	10.0
050-070	1.1	.6	.9		.1							2.7	7.4	6.0
(E) 080-100	1.1	2.5	1.2	.4								5.2	7.7	7.0
110-130	1.5	3.9	3.9	1.4	.1							10.8	9.6	9.5
140-160	1.4	5.3	6.1	1.3	.1							14.2	9.5	10.0
(S) 170-190	1.6	5.3	4.3	1.7	.3							13.2	9.6	8.0
200-220	1.1	2.0	1.9	.3								5.4	8.4	8.0
230-250	1.1	1.2	.5	.6								3.4	8.2	8.5
(W) 260-280	1.1	1.1	1.0	.4	.1							3.7	8.4	7.5
290-310	1.0	1.1	1.1	.6	.2	.1						4.1	9.9	9.5
320-340	1.0	2.6	3.5	2.3	1.0	.3						10.6	12.1	12.0
VARIABLE														
CALM	////////////////////////////////////											2.6	////////////////////////////////	
TOTALS	13.6	31.8	32.2	13.4	5.3	1.1						100.0	10.0	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.4	2.0	3.9	3.3	1.6	.3						11.6	13.4	13.5
020-040	.5	3.2	3.9	2.3	.3	.3						10.5	11.4	10.0
050-070	1.0	1.8	.6	.3								3.8	7.7	8.0
(E) 080-100	1.4	2.5	.4	.1								4.4	6.1	6.0
110-130	1.0	3.4	3.0	.8	.2							8.4	9.4	9.0
140-160	1.1	3.7	5.5	1.5	1.6							13.3	11.4	11.0
(S) 170-190	1.9	3.7	8.1	3.1	.6							17.4	10.9	11.0
200-220	.9	2.7	2.2	1.8								7.5	10.1	10.0
230-250	.8	.8	1.1	.6	.1							3.3	10.2	10.0
(W) 260-280	.6	1.2	1.0	.5								3.3	9.2	9.0
290-310	.8	1.1	1.5	.4	.4	.1						4.3	10.6	10.0
320-340	.8	2.4	3.5	1.9	1.6	.2						10.4	12.5	12.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	11.2	28.5	34.7	16.6	6.4	.9						100.0	10.7	10.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.9	1.6	4.0	3.0	1.6	.4						11.5	13.5	14.0
020-040	1.4	3.7	3.4	2.2	.2							10.9	10.0	10.0
050-070	.9	1.3	1.0	.1								3.2	7.1	6.5
(E) 080-100	1.2	2.0	1.4	.2								4.8	8.1	8.0
110-130	1.2	3.7	3.9	1.3	.1	.1						10.2	9.9	10.0
140-160	1.1	4.6	7.4	3.7	1.5	.1						18.4	11.7	12.0
(S) 170-190	1.0	2.9	4.6	3.8	1.3	.1						13.7	12.5	12.0
200-220	.4	2.4	1.4	.4								4.6	8.9	9.0
230-250	.6	1.4	1.2	.9								4.1	9.3	9.5
(W) 260-280	.5	1.2	1.0	.2	.1							3.0	8.4	7.0
290-310	.1	1.3	1.2	.3	.5	.1						3.5	11.6	10.0
320-340	1.1	2.4	2.9	1.5	1.1	.2						9.1	11.8	11.0
VARIABLE														
CALM	////////////////////////////////////											2.9	////////	
TOTALS	10.4	28.5	33.4	17.6	6.4	1.0						100.0	10.7	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.2	2.8	2.9	2.6	1.3							11.7	11.0	10.0
020-040	3.0	4.6	2.5	1.5	.4	.1						12.2	8.8	8.0
050-070	2.7	2.4	.5	.1								5.7	5.5	5.0
(E) 080-100	2.5	3.1	2.2	.2								8.0	7.2	7.0
110-130	4.7	7.5	4.6	1.0	.3	.1						18.3	7.6	7.0
140-160	2.5	6.7	5.6	2.4	.5							17.6	9.5	8.5
(S) 170-190	1.5	3.0	1.4	.5								6.5	7.7	7.5
200-220	1.0	1.0	.6									2.6	6.5	5.5
230-250	.6	.8	.6		.1							2.2	7.1	6.0
(W) 260-280	.3	1.0	.1		.2		.2					1.8	10.4	8.0
290-310	.8	.4	.5	.4	.2	.1						2.5	10.4	10.0
320-340	.8	2.4	1.6	.8	.5	.2	.1	.1				6.5	11.3	10.0
VARIABLE														
CALM	////////////////////////////////////											4.6	//////////	
TOTALS	22.6	35.7	23.1	9.5	3.5	.5	.3	.1				100.0	8.3	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 21-23

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		2.6	2.3	2.8	1.8	1.0	.5						11.0	11.0	10.0
020-040		4.9	4.4	2.0	1.6	.8	.2						14.0	8.5	6.0
050-070		3.0	2.0	1.0	.1								6.1	5.8	5.0
(E) 080-100		3.0	2.6	1.4	.1								7.1	6.3	6.0
110-130		6.1	6.0	3.9	.6								16.7	6.9	6.0
140-160		4.4	5.5	6.0	1.1	.1							17.1	8.2	8.0
(S) 170-190		1.7	1.2	.5	.3								3.8	6.6	5.0
200-220		1.0	.8	.2									1.9	5.3	4.5
230-250		.5	.4		.2								1.2	6.4	5.0
(W) 260-280		.6	.1	.1	.1	.2							1.2	8.2	4.0
290-310		.5	.8	.8	.6	.4	.1						3.2	11.9	12.0
320-340		1.6	1.4	1.4	.8	.2	.2						5.6	9.3	8.0
VARIABLE															
CALM		////////////////////////////////////										11.2	////////////////////////////////		
TOTALS		29.9	27.5	20.1	7.3	2.7	1.0						100.0	7.2	7.0
TOTAL NUMBER OF OBSERVATIONS 930															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.7	2.5	3.9	2.5	1.4	.4						12.4	12.2	12.0
020-040	2.7	3.7	2.9	1.5	.6	.1						11.4	9.3	8.0
050-070	1.7	1.4	.7	.1	.0							4.0	6.2	5.0
(E) 080-100	2.3	2.1	1.3	.2								5.9	6.5	6.0
110-130	4.2	5.1	3.5	.7	.1	.0						13.8	7.4	7.0
140-160	2.2	5.1	4.8	1.4	.5	.0						14.0	9.3	9.0
(S) 170-190	1.2	2.3	2.8	1.3	.3	.0						7.9	10.1	10.0
200-220	.7	1.5	1.0	.3								3.6	8.2	8.0
230-250	.6	.7	.5	.3	.0							2.2	8.2	8.0
(W) 260-280	.8	.9	.5	.2	.1		.0					2.4	7.9	7.0
290-310	.9	1.2	1.1	.5	.3	.1						4.0	9.9	9.0
320-340	1.5	2.6	2.4	1.3	.8	.2	.0	.0				8.8	10.7	10.0
VARIABLE														
CALM	////////////////////////////////////											9.4	////////////////////////////////	
TOTALS	20.5	29.1	25.4	10.3	4.1	.8						100.0	8.3	8.0
TOTAL NUMBER OF OBSERVATIONS 7440														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	.2	3.3	7.5	5.1	1.9	.3						18.3	13.2	13.0
020-040	1.7	5.8	3.1	1.0	.9	.2						12.7	9.4	8.0
050-070	1.0	2.1	.5	.2								3.8	6.7	6.0
(E) 080-100	1.9	7.0	3.5	.2								12.6	7.7	8.0
110-130	1.7	9.6	12.6	2.1	.2							26.2	9.8	10.0
140-160	.9	3.1	4.9	1.6	1.0							11.5	11.2	10.5
(S) 170-190	.2	.7	.9	.2								1.9	10.1	11.0
200-220	.7	.3	.3									1.4	7.0	6.0
230-250			.2	.2								.3	14.0	14.0
(W) 260-280	.2	.2										.3	5.5	5.5
290-310	.2	.7	.5	.2	.2							1.7	9.1	8.5
320-340	.2	.7	1.7	.3	.5	.3						3.8	14.1	12.5
VARIABLE														
CALM	////////////////////////////////////											5.2	////////////////////////////////	
TOTALS	8.9	33.5	35.7	11.1	4.7	.8						100.0	9.8	10.0

TOTAL NUMBER OF OBSERVATIONS 573

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	1.9	2.2	.6	.4		.1					8.1	8.2	6.0
020-040	5.0	4.1	2.2	1.0	.6		.1					13.0	7.6	6.0
050-070	2.0	1.8	.7									4.4	5.7	5.0
(E) 080-100	3.4	1.8	.6	.1	.1							6.0	5.0	3.5
110-130	5.3	5.1	2.6	.2	.3	.1						13.7	6.7	5.0
140-160	4.4	6.0	2.3	.4								13.2	6.4	6.0
(S) 170-190	1.7	2.0	.9	.3	.1							5.0	7.2	6.0
200-220	1.3	.9	.8									3.0	6.3	5.0
230-250	.6	.6	.3									1.4	6.5	6.0
(W) 260-280	.6	.4	.1	.1								1.2	5.9	5.0
290-310	1.8	1.7	.8									4.2	6.4	6.5
320-340	3.0	2.2	1.3	.7	.4							7.7	8.1	6.0
VARIABLE														
CALM	////////////////////											19.0	////////	
TOTALS	32.0	28.5	14.8	3.4	1.9	.1	.2					100.0	5.6	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	2.7	2.3	1.6	.9							10.3	9.3	8.0
020-040	3.0	4.2	3.2	1.2	.3							12.0	8.3	7.0
050-070	1.8	1.3	.6									3.7	5.2	5.0
(E) 080-100	3.1	1.8	.4									5.3	4.9	4.0
110-130	7.8	4.4	1.6									13.8	5.1	4.0
140-160	3.7	4.1	1.2	.2	.1							9.3	6.1	5.0
(S) 170-190	1.7	1.4	.7									3.8	5.9	5.0
200-220	.6	.6	.2									1.3	5.6	5.0
230-250	.8	.7	.4									1.9	6.2	5.0
(W) 260-280	.8	.8	.2									1.8	6.0	5.5
290-310	2.3	2.3	1.4	.1								6.2	6.5	6.0
320-340	3.1	4.2	1.7	1.0	.2	.2						10.4	8.0	6.0
VARIABLE														
CALM	////////////////////////////////////											20.1	////////	
TOTALS	31.6	28.5	13.9	4.1	1.5	.2						100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	2.6	3.8	2.0	1.0	.1						11.4	11.0	10.0
020-040	2.6	3.6	2.4	1.3	.7	.1						10.7	9.3	8.0
050-070	1.0	2.2	.7	.3								4.2	7.5	7.0
(E) 080-100	2.4	1.2	.3									4.0	4.4	3.0
110-130	6.1	4.0	1.9	.3								12.3	5.8	5.0
140-160	3.3	6.3	3.0	.3		.1						13.1	7.4	7.0
(S) 170-190	1.3	2.8	1.3	.2								5.7	7.3	6.0
200-220	.7	.4	.1									1.2	4.8	4.0
230-250	.6	.6	.2									1.3	6.5	7.0
(W) 260-280	1.1	.9	.4									2.4	5.9	5.5
290-310	1.2	2.0	1.1	.2	.1							4.7	7.7	7.0
320-340	2.9	5.1	2.0	1.0	.6							11.6	8.3	7.0
VARIABLE														
CALM	////////////////////											17.3	////////	
TOTALS	25.2	31.7	17.2	5.6	2.4	.3						100.0	6.5	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	2.0	4.4	2.7	1.7			.1	.2			12.0	13.3	12.0
020-040	.8	2.1	5.6	1.8	1.1							11.3	11.8	11.0
050-070	1.1	1.9	1.2	.3								4.6	7.7	6.0
(E) 080-100	.9	1.3	1.2	.2								3.7	8.0	7.0
110-130	1.4	3.1	1.8	.4	.2							7.0	8.5	7.0
140-160	1.0	4.7	5.0	2.2								12.9	10.3	10.0
(S) 170-190	2.0	5.8	6.3	1.8	.1							16.0	9.5	10.0
200-220	1.4	2.9	3.3	.3								8.0	8.5	9.0
230-250	.8	1.2	.8	.1	.2	.1	.3					3.6	10.7	7.5
(W) 260-280	.7	1.0	1.8	.1								3.6	8.8	10.0
290-310	1.6	1.6	1.0	.3	.2							4.7	7.9	7.0
320-340	1.1	2.6	3.8	1.7	.9	.2						10.2	11.5	11.0
VARIABLE														
CALM	////////////////////////////////////											2.6	////////////////////////////////	
TOTALS	13.7	30.2	36.2	11.9	4.4	.3	.3	.1	.2			100.0	9.9	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	1.8	4.3	4.7	.7							12.0	13.0	14.0
020-040	.8	2.9	3.8	2.1	1.1							10.7	11.4	10.0
050-070	.7	1.6	1.2		.1							3.6	8.1	8.0
(E) 080-100	1.0	2.1	1.1	.1								4.3	7.1	6.0
110-130	1.1	2.9	1.8	.4	.2							6.4	8.6	8.0
140-160	1.2	3.7	4.4	2.7	.3							12.3	10.9	10.0
(S) 170-190	1.3	5.4	7.8	3.1	.7							18.3	10.7	11.0
200-220	.6	3.8	2.4	1.4								8.2	9.7	9.0
230-250	.9	1.8	1.4	.3	.2	.2	.2					5.1	11.0	9.0
(W) 260-280	.7	1.0	.9	.4	.6		.1					3.7	11.2	10.0
290-310	1.7	1.0	.8	.7	.3	.1						4.6	9.1	6.0
320-340	1.1	1.8	3.3	1.8	.6	.4						9.0	11.7	12.0
VARIABLE														
CALM	////////////////////////////////////											1.8	////////////////////////////////	
TOTALS	11.7	29.8	33.2	17.7	4.8	.7	.3					100.0	10.5	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	2.2	4.7	3.6	.6							11.9	11.9	12.0
020-040	1.8	3.6	3.1	1.6	.6							10.6	9.6	9.0
050-070	1.7	2.7	1.7	.1	.1							6.2	7.2	6.0
(E) 080-100	1.1	1.7	1.4	.1								4.3	7.6	7.0
110-130	1.4	3.2	3.8	.8	.1							9.3	9.2	9.5
140-160	1.6	3.6	5.4	3.3	1.6							15.4	11.8	12.0
(S) 170-190	1.0	4.0	6.2	3.2	1.2							15.7	11.6	12.0
200-220	.9	2.3	1.7	.9	.4	.1						6.3	10.6	9.0
230-250	.8	1.1	1.2	.9	.2	.1	.1					4.4	11.3	10.0
(W) 260-280	.4	.2	.7	.4	.2	.1						3.1	10.4	8.0
290-310	.6	.8	.4	.4	.9	.2						3.3	13.0	13.0
320-340	.6	1.2	2.8	2.1	.6	.3						7.6	12.8	12.0
VARIABLE														
CALM	////////////////////											1.8	////////	
TOTALS	12.8	27.6	33.1	17.4	6.5	.8	.1					100.0	10.6	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.0	4.2	3.1	1.4	.3	.2						11.3	9.2	8.5
020-040	2.8	5.3	3.1	1.0	.1							12.3	8.0	7.0
050-070	2.6	2.7	.7	.1								6.0	5.7	5.0
(E) 080-100	3.3	2.9	1.6	.2								8.0	6.1	5.0
110-130	3.6	6.3	4.6	1.2	.2	.1						16.0	8.3	8.0
140-160	3.2	6.3	6.0	2.1	.4	.1						18.2	9.5	9.0
(S) 170-190	1.3	4.1	2.1	1.0	.1							8.7	8.5	7.5
200-220	1.2	1.1	.7	.2								3.2	6.8	6.0
230-250	.6	.7	.3	.2	.2							2.0	8.5	6.0
(W) 60-280	.4	.6	.1	.1	.1							1.3	7.6	6.0
290-310	.3	.2	.7	.7		.1						2.0	12.3	13.0
320-340	1.8	1.4	1.3	.7	.3	.2						5.8	9.8	8.5
VARIABLE														
CALM	////////////////////////////////////											5.1	////////	
TOTALS	23.1	35.8	24.3	8.9	1.7	.7						100.0	8.0	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.6	2.3	1.6	.9	.2	.4						10.0	7.6	5.0
020-040	3.6	4.7	2.3	.8	.2	.4						12.0	7.9	6.0
050-070	3.7	1.7	.3	.1		.1						5.9	5.1	4.0
(E) 080-100	2.8	2.8	1.1	.2	.1							7.0	6.3	5.0
110-130	6.6	5.7	4.8	.9	.2							18.1	7.1	6.0
140-160	5.6	5.9	3.9	1.1	.2							16.7	7.5	7.0
(S) 170-190	2.0	1.4	1.0	.6	.1							5.1	7.1	5.0
200-220	.7	.3	.3									1.3	5.5	4.5
230-250	.2	.3	.4									1.0	8.2	8.0
(W) 260-280	.3	.6										.9	4.8	5.0
290-310	.8	1.0	.2		.1							2.1	6.5	6.0
320-340	1.2	1.6	.9	1.0	.4	.2						5.3	10.5	8.5
VARIABLE														
CALM	////////////////////////////////////											14.6	////////////////////////////////	
TOTALS	32.1	28.3	16.8	5.6	1.5	1.1						100.0	6.3	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN %	WIND WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.1	2.5	3.3	2.2	.7	.1	.0	.0	.0			10.9	10.6
020-040	2.5	3.8	3.2	1.3	.6	.1	.0					11.6	9.2
050-070	1.8	2.0	.9	.1	.0	.0						4.8	6.4
(E) 080-100	2.3	1.9	1.0	.1	.0							5.3	6.1
110-130	4.2	4.3	2.8	.5	.2	.0						12.1	7.2
140-160	3.0	5.1	3.9	1.6	.3	.0						13.9	8.9
(S) 170-190	1.5	3.4	3.3	1.3	.3							9.8	9.5
200-220	.9	1.5	1.2	.4	.1	.0						4.1	8.5
230-250	.6	.9	.7	.2	.1	.1	.1					2.6	9.6
(W) 260-280	.6	.8	.5	.2	.1	.0	.0					2.2	8.4
290-310	1.3	1.3	.8	.3	.2	.1						4.0	8.3
320-340	1.8	2.5	2.1	1.2	.5	.2						8.4	10.0
VARIABLE													
CALM	////////////////////										10.3	////////////////	
TOTALS	22.6	30.0	23.7	9.4	3.1	.6	.1					100.0	7.8
TOTAL NUMBER OF OBSERVATIONS 7200													

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	3.3	2.0	5.9	2.3							14.1	13.7	15.0
020-040	3.6	3.6	5.3	.7	1.0							14.1	9.0	9.0
050-070	2.3	4.9	1.0									8.2	5.6	5.0
(E) 080-100	2.6	4.3	3.3	.3								10.5	7.3	6.0
110-130	4.3	7.6	5.9	.3								18.1	8.0	8.0
140-160	1.0	7.2	3.0	.3		.3						11.8	8.6	7.5
(S) 170-190	1.0	1.6	1.6									4.3	7.9	8.0
200-220	1.3	.3			.3	.3						2.3	9.1	2.0
230-250	.3	.3		.3	.3	.3	1.0					2.6	20.5	22.5
(W) 260-280		1.0	.3			.3						1.6	11.6	9.0
290-310		.7	.7		.3	.3						2.0	13.8	11.0
320-340	.7	1.0	1.0	.7		.3						3.6	11.4	12.0
VARIABLE														
CALM	////////////////////											6.6	////////	
TOTALS	17.8	35.8	24.1	8.5	4.2	1.8	1.0					100.0	8.9	8.0

TOTAL NUMBER OF OBSERVATIONS 304

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	2.5	1.1	.6	.3	.1						7.6	7.5	6.0
020-040	4.1	3.9	1.8	.5								10.3	6.7	5.5
050-070	2.6	1.2	.5									4.3	4.7	3.5
(E) 080-100	3.5	3.0	.8	.1								7.4	5.3	5.0
110-130	5.6	8.5	3.8	.8		.1						18.7	6.8	6.0
140-160	2.8	7.7	4.4	.2								15.2	7.6	8.0
(S) 170-190	1.4	2.5	1.1	.6	.2							5.8	8.3	8.0
200-220	.1	.2	.3									.6	8.0	8.0
230-250	.5	.4	.1									1.1	4.6	4.5
(W) 260-280	.5	.2	.1									.9	4.6	3.5
290-310	1.8	1.1	.3									3.2	5.0	3.5
320-340	1.1	2.8	1.0	.8	.1							5.7	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////											19.1	////////	
TOTALS	27.0	34.0	15.3	3.6	.6	.2						100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	2.9	1.5	1.0								8.6	7.0	6.0
020-040	4.0	3.3	1.9	.5	.1		.1					10.0	6.9	6.0
050-070	2.6	1.3	.4	.1	.1							4.5	5.0	4.0
(E) 080-100	4.0	2.0	.5	.1	.1							6.8	5.1	4.0
110-130	6.0	9.0	2.5	.6								18.2	6.5	6.0
140-160	4.1	5.7	2.2	.1	.1							12.2	6.5	6.0
(S) 170-190	1.0	1.2	.9									3.0	6.7	6.0
200-220	.3	.6	.3									1.3	7.0	7.0
230-250	.2	.3										.5	5.2	5.0
(W) 260-280	.6	1.0										1.6	4.7	5.0
290-310	1.8	2.3	.5									4.6	5.3	6.0
320-340	1.5	3.4	1.4	.1								6.5	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											22.3	////////////////////////////////	
TOTALS	29.3	33.0	12.1	2.5	.4		.1					100.0	4.9	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.4	3.3	3.4	1.0	.1							10.2	8.4	8.0
020-040	3.2	4.2	2.3	.8								10.4	7.2	6.0
050-070	2.0	2.3	.4	.3	.1							5.2	6.5	5.0
(E) 080-100	2.5	1.4	.8									4.6	5.2	4.0
110-130	4.7	6.3	3.9									14.9	6.6	6.0
140-160	2.9	8.9	6.9	.5								19.2	8.2	8.0
(S) 170-190	.5	1.9	1.7	.2								4.4	8.6	8.0
200-220	.8	1.1	.5									2.4	6.6	6.5
230-250	1.0	.6	.6									2.3	6.1	5.0
(W) 260-280	.8	.8	.2									1.7	5.4	5.5
290-310	1.7	1.9	.9									4.5	6.4	6.0
320-340	1.8	2.8	1.1	.2								5.9	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////										14.2	////////		
TOTALS	24.3	35.5	22.7	3.0	.2							100.0	6.2	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.8	2.7	2.9	1.8	.1							8.3	10.6	10.0
020-040	1.8	3.0	4.4	.6	.2							10.1	9.3	10.0
050-070	1.5	3.0	1.7	.1	.1							6.5	7.5	7.0
(E) 080-100	2.4	2.0	1.1									5.5	6.1	6.0
110-130	1.9	3.9	4.9	.8								11.5	8.9	9.0
140-160	1.2	4.5	7.1	1.8	.6							15.3	10.6	10.0
(S) 170-190	1.4	4.2	7.3	2.8	.1							15.8	10.8	11.0
200-220	1.0	2.8	2.7	.2								6.7	8.7	9.0
230-250	2.2	1.7	1.0	.3								5.2	6.7	5.0
(W) 260-280	.8	.8	1.3		.3							3.1	9.2	10.0
290-310	.6	.5	1.2	.1								2.5	8.6	10.0
320-340	1.0	.9	2.7	.5								5.1	9.7	11.0
VARIABLE														
CALM	////////////////////////////////////											4.6	////////////////////////////////	
TOTALS	16.6	30.0	38.3	9.0	1.4							100.0	8.9	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	2.9	2.8	1.2	.1							7.7	9.8	10.0
020-040	1.3	5.5	3.1	.9								10.8	8.4	8.0
050-070	1.0	2.4	.8		.1							4.2	7.0	7.0
(E) 080-100	2.3	1.8	.6			.1						4.8	6.0	5.0
110-130	1.8	3.8	5.1	.9	.2							11.7	9.2	10.0
140-160	2.0	4.3	7.4	3.3	.6							17.7	10.9	10.0
(S) 170-190	1.0	3.0	7.4	2.7	.6	.1						14.8	11.3	11.0
200-220	1.7	2.6	2.9	.9								8.1	9.0	9.0
230-250	.8	1.1	.6	.4	.5							3.4	10.	8.5
(W) 260-280	.6	1.1	1.3	.1								3.1	8.7	8.0
290-310	1.3	1.5	1.0	.3	.1							4.2	8.0	8.0
320-340	1.7	1.4	1.4	1.2	.1	.1						5.9	9.0	8.0
VARIABLE														
CALM	////////////////////											3.4	////////	
TOTALS	16.3	31.4	34.4	11.9	2.3	.3						100.0	9.1	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.1	2.0	2.8	.6	.3							6.9	9.7	10.0
020-040	2.2	4.8	3.9	.5								11.4	8.3	8.0
050-070	1.7	2.9	1.1	.2								5.9	6.7	7.0
(E) 080-100	2.2	2.9	1.4									6.5	6.5	6.0
110-130	1.8	4.7	4.8	2.2	.4							14.0	9.8	10.0
140-160	1.7	5.5	7.8	3.8	1.4							20.2	11.2	12.0
(S) 170-190	1.5	2.6	6.9	2.0	.3							13.3	10.8	11.5
200-220	.5	2.0	1.8	.4								4.8	9.0	9.0
230-250	.6	.6	1.0	.6	.1							3.0	10.4	11.0
(W) 260-280	.4	.6	.9	.5	.1							2.6	10.2	10.0
290-310	.1	.8	.6	.3	.3							2.2	11.9	10.0
320-340	1.0	1.8	1.2	.6	.6							5.3	10.3	9.0
VARIABLE														
CALM	////////////////////////////////////											4.0	////////	
TOTALS	14.8	31.2	34.2	11.7	3.5							100.0	9.3	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	2.6	1.4	.4	.2							6.8	7.3	6.0
020-040	4.2	4.5	2.6	.8								12.0	7.0	6.0
050-070	3.8	2.6	1.4	.3								8.1	6.2	5.0
(E) 080-100	2.9	3.2	1.8	.3								8.3	6.9	6.0
110-130	3.4	7.7	6.3	1.5	.2							19.2	8.7	8.0
140-160	2.5	7.4	8.6	3.1	1.4	.1						23.1	10.4	10.0
(S) 170-190	.9	1.4	2.4	.6								5.3	9.9	10.0
200-220	1.0	1.0	.3									2.3	5.8	5.0
230-250	.4	.6	.4		.1							1.6	7.7	6.0
(W) 260-280	.1	.4	.3	.2								1.1	9.4	9.5
290-310	.5	1.1	.3	.2	.1	.2	.1					2.6	10.1	8.0
320-340	.8	1.0	.9	.2	.4	.2						3.4	10.6	9.5
VARIABLE														
CALM	////////////////////											6.2	////	////
TOTALS	22.7	33.5	26.7	7.6	2.4	.5	.1					100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	1.3	.8	.2	.1							4.4	6.5	5.0
020-040	4.1	2.5	2.6	1.0	.2							10.3	7.6	7.0
050-070	4.4	1.5	1.2	.1								7.2	5.2	4.0
(E) 080-100	3.7	3.5	1.0	.2								8.4	5.6	5.0
110-130	7.0	9.5	5.8	1.2	.4							23.9	7.5	7.0
140-160	2.6	7.0	7.2	1.3	.3	.1						18.5	9.3	9.0
(S) 170-190	.8	1.0	.8	.3	.1							2.9	8.4	8.0
200-220	1.0	.5	.3									1.8	5.2	4.0
230-250	.4	.3			.1							.9	6.4	5.0
(W) 260-280	.8	.1										.9	3.4	2.5
290-310	.5	.3	.3	.2								1.4	7.8	5.0
320-340	1.8	1.9	.9	.2	.2	.2						5.3	7.8	6.0
VARIABLE														
CALM	////////////////////////////////////											14.2	////////////////////////////////	
TOTALS	29.1	29.4	20.9	4.7	1.4	.3						100.0	6.4	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.9	2.5	2.1	.9	.2	.0						7.6	8.4	8.0
020-040	3.1	4.0	2.8	.7	.1		.0					10.7	7.7	7.0
050-070	2.4	2.1	.9	.1	.1							5.7	6.1	5.0
(E) 080-100	2.9	2.5	1.0	.1	.0	.0						6.5	5.9	5.0
110-130	4.0	6.7	4.6	1.0	.2	.0						16.5	7.8	8.0
140-160	2.5	6.4	6.5	1.8	.6	.0						17.7	9.5	9.0
(S) 170-190	1.0	2.2	3.5	1.2	.2	.0						8.2	10.2	10.0
200-220	.8	1.4	1.2	.2								3.5	8.1	8.0
230-250	.8	.7	.5	.2	.1							2.2	7.8	6.0
(W) 260-280	.6	.6	.5	.1	.1							1.9	7.8	7.0
290-310	1.1	1.2	.6	.1	.1	.0	.0					3.1	7.4	6.0
320-340	1.3	2.0	1.3	.5	.2	.1						5.4	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////											11.0	////////////////////////////////	
TOTALS	22.4	32.3	25.5	6.9	1.9	.1						100.0	7.3	8.0
TOTAL NUMBER OF OBSERVATIONS 7440														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.8	2.8	3.6	1.8	.5							10.6	10.4	10.0
020-040	.3	6.0	6.0	1.3								13.5	10.0	10.0
050-070	.3	2.6	1.3									4.1	8.2	8.5
(E) 080-100	1.8	4.7	2.1	.5								9.1	7.5	7.0
110-130	1.8	11.7	11.1	1.0								25.6	8.9	9.0
140-160	2.1	10.9	8.0									21.0	8.6	8.0
(S) 170-190	1.0	1.3	.5	.5								3.4	7.6	6.0
200-220	.3		.3									.5	6.5	6.5
230-250	.5	.3	.5									1.3	6.2	8.0
(W) 260-280		.5	.5									1.0	8.5	7.5
290-310		.3	.3	.3	.3	.3						1.3	16.2	17.0
320-340	.3	1.3	1.0	.8	.3							3.6	11.1	10.0
VARIABLE														
CALM	////////////////////////////////////											4.9	////////	
TOTALS	10.2	42.4	35.2	6.2	1.1	.3						100.0	8.6	9.0

TOTAL NUMBER OF OBSERVATIONS 386

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	.8	.7	.2	.1							4.1	6.1	4.0
020-040	3.1	2.0	2.4	.3		.1						8.0	7.3	6.5
050-070	1.8	1.0	.4									3.2	5.1	4.0
(E) 080-100	3.9	1.6	.3	.1								5.9	4.5	3.0
110-130	11.1	6.2	2.3	.1	.1							19.9	5.0	4.0
140-160	8.7	8.8	3.6	.4	.1							21.6	6.2	5.0
(S) 170-190	1.3	3.8	.7									5.8	6.2	6.0
200-220	.6	.3	.1		.1							1.1	6.9	4.5
230-250	.3	.3	.1		.1							.9	7.5	5.0
(W) 260-280	.1	.4	.6									1.1	8.1	9.5
290-310	.3	.2										.6	4.6	3.0
320-340	2.0	.7		.1								2.8	4.6	4.0
VARIABLE														
CALM	////////////////////											25.1	////////	
TOTALS	35.5	26.1	11.2	1.2	.5	.1						100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	.8	.9		.1							5.0	5.0	4.0
020-040	3.9	2.8	1.9	.2								8.8	5.9	5.0
050-070	1.9	1.4	1.0									4.3	6.0	5.0
(E) 080-100	2.9	1.1	.2									4.2	4.0	3.0
110-130	12.4	5.4	1.3	.2								19.4	4.4	4.0
140-160	7.1	6.4	1.4	.2								15.2	5.4	5.0
(S) 170-190	2.4	2.7	.4									5.6	5.3	5.0
200-220	.2	.2	.3									.8	7.3	9.0
230-250	.4	.4	.2									1.1	6.1	6.0
(W) 260-280	.6	.2										.8	3.9	2.0
290-310	1.1	.3										1.4	3.8	4.0
320-340	1.9	1.1	.2	.1								3.3	5.2	4.0
VARIABLE														
CALM	////////////////////////////////////											30.0	////////////////////////////////	
TOTALS	38.0	22.8	7.8	.7	.1							100.0	3.6	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	2.3	.4									5.2	5.6	5.0
020-040	2.3	4.0	1.7	.6	.1							8.7	7.4	6.0
050-070	1.8	1.8	.6	.3								4.4	6.4	6.0
(E) 080-100	2.1	1.1	.3		.1							3.7	5.0	4.0
110-130	8.1	6.4	1.7	.2	.1							16.6	5.3	5.0
140-160	6.2	11.2	4.4	.4	.1							22.4	6.7	6.0
(S) 170-190	2.1	6.3	2.6	.4								11.4	7.5	7.0
200-220	1.3	1.2	.3									2.9	5.4	5.0
230-250	.8	.2										1.0	3.4	4.0
(!!) 260-280	.7	.6	.2	.1								1.6	6.3	5.5
290-310	1.2	.4	.1									1.8	4.3	4.0
320-340	2.0	1.2		.1	.1							3.4	5.4	4.0
VARIABLE														
CALM	////////////////////											16.9	////////	
TOTALS	31.0	36.7	12.3	2.1	.5							100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	2.1	1.8	.1								5.1	7.5	7.0
020-040	2.1	2.8	2.0	.7	.2							7.8	8.2	8.0
050-070	1.2	2.1	.7	.4	.1							4.6	7.7	7.0
(E) 080-100	1.7	1.7	1.0		.1							4.4	6.3	5.0
110-130	2.3	4.7	1.3	.2								8.6	6.7	6.0
140-160	3.0	7.8	4.0	1.3	.1							16.2	8.1	7.0
(S) 170-190	2.6	9.8	12.6	1.4	.1							26.4	9.4	10.0
200-220	1.6	5.0	5.4	.6	.1							12.7	8.9	9.0
230-250	1.2	1.3	1.2									3.8	6.9	6.0
(W) 260-280	1.0	1.1	.3									2.4	5.9	5.5
290-310	.8	.9	.2	.1								2.0	5.8	5.0
320-340	.7	.3	.1									1.1	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											4.9	////////////////////////////////	
TOTALS	19.3	39.6	30.6	4.8	.7							100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.2	2.8	1.1	.1								5.2	6.9	7.0
020-040	1.3	3.7	1.7	.7	.1							7.4	8.1	8.0
050-070	1.9	1.9	.8	.6								5.1	7.2	6.0
(E) 080-100	2.7	2.6	.8	.1								6.1	5.7	5.0
110-130	2.2	4.1	2.2									8.6	6.8	7.0
140-160	2.0	8.9	9.4	1.3	.1							21.8	9.2	9.5
(S) 170-190	2.0	6.8	12.3	2.4								23.6	9.9	10.0
200-220	1.4	3.0	5.0	.2	.1	.1						9.9	9.3	10.0
230-250	1.3	1.7	.7	.1								3.8	6.9	6.5
(W) 260-280	.4	.6	.2									1.2	6.0	6.0
290-310	.4	1.0	.1									1.6	6.1	7.5
320-340	.8	.8	.1									1.7	4.5	5.0
VARIABLE														
CALM	////////////////////////////////////										4.1	////////		
TOTALS	17.6	37.9	34.4	5.5	.3	.1						100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	1.2	1.4	.3								4.2	7.5	7.0
020-040	1.4	2.8	2.4	.6		.1						7.3	8.5	8.0
050-070	2.3	1.9	1.7	.7	.1							6.7	7.6	6.0
(E) 080-100	1.7	1.8	1.0	.1								4.6	6.5	6.0
110-130	2.3	4.9	3.7	.4								11.3	7.8	8.0
140-160	2.2	9.1	12.2	5.0	.4							29.0	10.4	10.0
(S) 170-190	1.6	6.8	9.4	1.7	.1							19.6	9.7	10.0
200-220	1.1	2.8	3.3	.2	.1							7.6	8.9	9.0
230-250	.8	.8	.2									1.8	5.3	5.0
(W) 260-280	1.1	.3	.1									1.6	4.1	4.0
290-310	.6	.4										1.0	4.0	4.0
320-340	.9	.6	.2									1.7	5.5	4.0
VARIABLE														
CALM	////////////////////////////////////											3.8	////////////////////////////////	
TOTALS	17.2	33.4	35.6	9.0	.7	.1						100.0	8.5	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM FOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.1	.8	.1								3.1	6.8	6.0
020-040	2.4	2.1	2.1	.2	.2							7.1	7.6	6.0
050-070	1.9	1.9	1.1	.1								5.0	6.7	6.0
(E) 080-100	2.8	2.6	.9	.2								6.4	6.2	6.5
110-130	5.0	7.2	6.2	1.0								19.4	7.7	8.0
140-160	5.1	11.7	13.4	3.8	.2							34.2	9.3	10.0
(S) 170-190	1.2	5.1	4.6	.6	.1	.1						11.7	9.1	9.0
200-220	1.7	.3	.6	.1								2.7	5.6	4.0
230-250	.4	.7		.1								1.2	6.0	5.0
(W) 260-280	.2	.2										.4	6.0	6.0
290-310	.6	.1	.2	.1	.1							1.1	8.4	5.5
320-340	.7	.6	.4		.1							1.8	7.0	5.5
VARIABLE														
CALM	////////////////////////////////////											5.8	////////	
TOTALS	23.1	33.6	30.3	6.3	.7	.1						100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.1	1.1	.8	.1	.2							4.3	6.6	5.0
020-040	1.6	2.3	1.8	.4	.1							6.2	7.6	7.5
050-070	2.2	1.8	.6	.3								4.9	5.8	5.0
(E) 080-100	5.6	2.7	.7	.1								9.0	4.7	4.0
110-130	7.8	10.7	4.4	1.0								23.9	6.8	7.0
140-160	9.4	12.6	4.8	.8	.2							27.8	6.6	6.0
(S) 170-190	1.9	2.8	.4	.1								5.2	5.6	5.0
200-220	.1	.3	.1									.6	6.2	6.0
230-250	.2			.1								.3	8.7	4.0
(W) 260-280	.2	.3	.1									.7	5.8	5.5
290-310	.6	.2										.8	4.0	3.0
320-340	.7	.2	.7	.2	.1							1.9	8.9	10.0
VARIABLE														
CALM	////////////////////////////////////											14.4	////////////////////////////////	
TOTALS	32.4	35.0	14.4	3.1	.6							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.8	1.5	1.0	.1	.1							4.5	6.5
020-040	2.3	2.8	2.0	.5	.1	.0						7.7	7.5
050-070	1.9	1.7	.8	.3	.0							4.8	6.7
(E) 080-100	2.9	1.9	.7	.1	.0							5.5	5.3
110-130	6.4	6.2	2.9	.4	.0							16.0	6.2
140-160	5.5	9.6	6.7	1.7	.2							23.5	8.0
(S) 170-190	1.9	5.5	5.4	.8	.0	.0						13.7	8.8
200-220	1.0	1.7	1.9	.1	.1	.0						4.8	8.4
230-250	.7	.7	.3	.0	.0							1.7	6.4
(W) 260-280	.5	.5	.2	.0								1.2	5.8
290-310	.7	.5	.1	.0	.0							1.3	5.2
320-340	1.2	.7	.2	.1	.0							2.2	5.7
VARIABLE													
CALM	////////////////////										13.1	////	////
TOTALS	26.8	33.3	22.2	4.1	.5							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N)	350-010	1.4	4.2	3.5	.7	.7							10.4	9.5	8.0
	020-040	2.8	7.6	7.6	1.4	.7							20.1	9.4	9.0
	050-070	1.4	2.1	1.4									4.9	7.0	7.0
(E)	080-100	1.4	.7			.7							2.8	8.8	6.0
	110-130	7.6	7.6	4.9	1.4								21.5	7.0	8.0
	140-160	3.5	10.4	3.5									17.4	7.4	8.0
(S)	170-190	1.4	3.5	1.4	1.4								7.6	8.4	6.0
	200-220	.7											.7	3.0	3.0
	230-250	.7											.7	2.0	2.0
(W)	260-280	.7	.7										1.4	4.0	4.0
	290-310		2.8										2.8	6.0	5.5
	320-340	.7			1.4	.7							2.8	14.5	16.0
VARIABLE															
CALM		////////////////////////////////////										6.9	////////////////////////////////		
TOTALS		22.3	39.6	22.3	6.3	2.8							100.0	7.6	8.0

TOTAL NUMBER OF OBSERVATIONS 144

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 00-02

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.8	.3	.1	.3								2.6	5.2	3.0
020-040	2.9	1.1	.9									4.8	4.8	4.0
050-070	1.9	.6										2.6	3.5	3.0
(E) 080-100	3.1	1.4	.1									4.6	3.8	3.0
110-130	11.6	8.1	1.3									21.0	4.6	4.0
140-160	18.0	13.0	4.2									35.2	5.2	4.0
(S) 170-190	2.2	2.7	.9	.2								5.9	6.1	5.0
200-220	.5	.3		.1								1.0	5.6	4.0
230-250	.1	.2										.3	4.0	5.0
(W) 260-280		.1	.1									.2	7.5	7.5
290-310	.2	.2										.4	4.3	4.0
320-340	.6	.3										1.0	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											20.4	////////////////////////////////	
TOTALS	42.9	28.3	7.6	.6								100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.0	.6									3.2	5.8	4.5
020-040	4.3	1.1	.1	.1								5.6	3.9	3.5
050-070	1.2	.2	.2		.1							1.7	5.1	3.0
(E) 080-100	4.8	1.5	.1									6.5	3.3	2.0
110-130	13.7	3.8	.6									18.1	3.7	3.0
140-160	10.1	7.1	.8	.1								18.1	4.7	4.0
(S) 170-190	2.4	1.6	1.3									5.3	5.9	5.0
200-220	.6	.5	.1		.1							1.4	6.3	5.0
230-250	.1		.2									.3	7.3	10.0
(W) 260-280	.4		.1									.5	4.6	2.0
290-310	.1	.2	.1									.4	6.3	6.5
320-340	.8	.4										1.2	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											37.7	////////////////////////////////	
TOTALS	40.1	17.4	4.2	.2	.2							100.0	2.7	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.5	.5	.2								4.4	5.6	5.0
020-040	2.6	2.5	1.1									6.1	5.9	6.0
050-070	1.4	.6	.5	.1								2.7	5.8	4.0
(E) 080-100	3.2	.6										3.9	3.1	2.0
110-130	11.4	5.7	.2									17.3	3.9	3.0
140-160	5.4	9.2	2.8	.2								17.6	6.3	6.0
(S) 170-190	5.6	6.8	2.9	.3								15.6	6.3	6.0
200-220	1.1	1.8	.4									3.3	6.2	6.0
230-250	.3	.2										.5	4.0	4.0
(W) 260-280	.2	.2										.4	4.8	4.5
290-310	1.0											1.0	3.3	3.0
320-340	1.0	.3	.1									1.4	4.2	4.0
VARIABLE														
CALM	////////////////////											25.7	////////	
TOTALS	35.4	29.4	8.5	.8								100.0	4.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 09-11

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.3	1.7	.4									2.5	8.0	8.0
020-040		1.5	2.7	.9	.3								5.4	7.0	6.0
050-070		1.3	1.6	.4									3.3	5.6	5.0
(E) 080-100		1.4	1.6	.4									3.4	5.5	6.0
110-130		2.3	2.4	.3									4.9	5.3	5.0
140-160		3.2	8.0	2.5	.3								14.0	7.0	7.0
(S) 170-190		3.3	10.5	8.4	1.8	.1							24.2	8.7	8.0
200-220		3.4	11.0	6.7	1.1								22.2	7.9	7.0
230-250		1.9	4.6	1.4									8.0	6.6	7.0
(W) 260-280		1.4	.8	.1									2.3	4.6	3.0
290-310		.9	.8										1.6	4.5	4.0
320-340		.8	.6	.1									1.5	5.1	4.5
VARIABLE															
CALM		////////////////////////////////////											6.8	////////////////////////////////	
TOTALS		21.7	46.3	21.6	3.5	.1							100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.6	.2									2.3	6.6	8.0
020-040	1.1	2.6	2.2	.1								5.9	8.1	8.0
050-070	1.0	2.0	.5	.1								3.7	6.7	6.5
(E) 080-100	2.5	1.1	.8									4.3	5.5	4.0
110-130	2.2	4.6	1.1									7.8	6.0	6.0
140-160	3.9	9.4	5.9	1.4								20.5	7.9	8.0
(S) 170-190	4.2	10.2	10.3	2.5	.1							27.3	8.9	8.0
200-220	2.8	6.3	4.8	1.1								15.1	8.0	8.0
230-250	1.6	2.9	.4									4.9	5.8	6.0
(W) 260-280	.9	.5										1.4	4.3	4.0
290-310		.3										.3	5.3	5.0
320-340	1.1	.5										1.6	3.9	3.0
VARIABLE														
CALM	////////////////////////////////////											4.8	////////////////////////////////	
TOTALS	21.7	42.0	26.2	5.2	.1							100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.0	.9	.1								2.8	7.5	7.0
020-040	1.3	1.8	1.1	.4								4.6	7.8	6.0
050-070	1.7	2.2	1.3	.1								5.3	6.7	6.0
(E) 080-100	1.5	2.7	.6	.2								5.1	6.5	6.0
110-130	2.0	4.2	2.8	.1								9.1	7.4	8.0
140-160	4.8	11.8	12.6	2.7	.3							32.3	8.9	9.0
(S) 170-190	2.5	9.2	12.3	2.7	.3							27.0	9.7	10.0
200-220	1.2	2.3	2.4	.2								6.0	8.1	8.0
230-250	.9	.6	.2									1.7	5.1	4.5
(W) 260-280	.6	.3										1.0	4.6	4.0
290-310	.6	.2										.9	3.5	3.0
320-340		.2	.2									.4	9.3	9.0
VARIABLE														
CALM	////////////////////////////////////											3.9	////////////////////////////////	
TOTALS	18.0	36.5	34.4	6.5	.6							100.0	8.1	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.5										.5	7.2	8.0
020-040	2.3	2.5	1.3	.1								6.1	6.2	6.0
050-070	2.0	2.6	.6	.2								5.5	5.8	5.0
(E) 080-100	1.6	2.9	.6									5.2	6.1	5.0
110-130	4.2	7.2	4.2	.3								16.0	7.2	7.0
140-160	7.9	20.3	14.2	1.7	.3							44.4	8.3	8.0
(S) 170-190	1.6	5.6	6.7	1.1		.1						15.1	9.3	10.0
200-220	.2	.9	.6									1.7	7.9	8.0
230-250	.1	.4	.1									.6	7.2	7.0
(W) 260-280	.2	.2										.4	4.8	4.5
290-310		.1										.1	5.0	5.0
320-340	.2	.2										.4	4.3	4.0
VARIABLE														
CALM	////////////////////											3.8	////////	
TOTALS	20.3	43.4	28.3	3.4	.3	.1						100.0	7.5	8.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.2	.2									1.3	4.7	3.5
020-040	2.7	.8	.5		.1							4.1	4.8	3.0
050-070	2.4	1.0	.3									3.7	4.3	4.0
(E) 080-100	5.1	2.0	.2		.1							7.4	4.1	3.0
110-130	9.4	10.5	3.7	.1								23.6	6.1	6.0
140-160	16.6	16.8	6.9	.2								40.6	5.9	5.0
(S) 170-190	2.8	2.7	1.0									6.5	5.8	5.0
200-220	.3	.3										.6	4.7	4.5
230-250	.3	.1										.4	3.0	2.5
(W) 260-280	.2											.2	2.5	2.5
290-310	.1	.1										.2	4.0	4.0
320-340	.1	.1	.3									.5	8.8	10.0
VARIABLE														
CALM	////////////////////////////////////											10.8	////////////////////////////////	
TOTALS	40.9	34.6	13.1	.3	.2							100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N)	350-010	1.0	1.0	.4	.1								2.4	6.3	5.0
	020-040	2.3	1.9	1.0	.1	.0							5.3	6.1	5.0
	050-070	1.6	1.4	.5	.1	.0							3.6	5.6	5.0
(E)	080-100	2.9	1.7	.4	.0	.0							5.0	4.7	4.0
	110-130	7.1	5.8	1.8	.1								14.7	5.3	5.0
	140-160	8.7	11.9	6.2	.8	.1							27.8	6.9	6.0
(S)	170-190	3.1	6.2	5.5	1.1	.1	.0						15.9	8.4	8.0
	200-220	1.3	2.9	1.9	.3	.0							6.4	7.7	7.0
	230-250	.7	1.1	.3									2.1	6.0	6.0
(W)	260-280	.5	.3	.0									.8	4.6	4.0
	290-310	.4	.2	.0									.6	4.3	4.0
	320-340	.6	.3	.1									1.0	4.8	4.0
VARIABLE															
CALM		////////////////////////////////////										14.2	////////////////////////////////		
TOTALS		30.2	34.7	18.1	2.6	.2							100.0	5.7	6.0
TOTAL NUMBER OF OBSERVATIONS 7434															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.4	3.5	1.2	1.2							8.2	8.1	8.0
020-040	2.4	3.5	1.2		1.2						8.2	7.9	6.0
050-070	2.4	1.2									3.5	4.3	2.0
(E) 080-100	4.7	7.1	1.2								12.9	5.9	5.0
110-130	7.1	11.8	7.1								25.9	7.0	6.5
140-160	7.1	5.9	12.9	1.2							27.1	8.0	10.0
(S) 170-190		1.2	1.2								2.4	9.5	9.5
200-220													
230-250													
(W) 260-280	1.2		1.2								2.4	7.0	7.0
290-310													
320-340													
VARIABLE													
CALM	////////////////////////////////////										9.4	////////////////////////////////	
TOTALS	27.3	34.2	26.0	2.4	1.2						100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 85

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	1.1	.9									3.4	6.1	6.0
020-040	2.8	1.6	1.1		.1							5.6	5.6	4.5
050-070	1.5	2.0	.6									4.2	5.9	6.0
(E) 080-100	4.3	1.7	.2									6.2	3.6	2.0
110-130	14.4	4.2	.3									18.9	3.7	3.0
140-160	14.2	8.3	.5									23.0	4.3	4.0
(S) 170-190	1.8	1.7	.4									4.0	5.3	5.0
200-220	.5	.1										.6	2.7	2.0
230-250	.5	.1	.1									.8	4.3	2.0
(W) 260-280	.3	.1										.4	4.0	3.5
290-310	.8											.8	2.3	2.0
320-340	.8	.5	.1	.1								1.5	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////											30.5	////////////////////////////////	
TOTALS	43.4	21.4	4.2	.1	.1							100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.1	.6	.5	.1								4.4	4.8	4.0
020-040	4.0	2.4	1.4		.1							7.8	5.7	4.0
050-070	1.9	1.0	.2									3.1	4.6	4.0
(E) 080-100	5.3	.8	.2									6.2	3.0	2.0
110-130	15.6	1.7	.3									17.6	3.1	3.0
140-160	9.0	2.2	.4									11.6	3.7	3.0
(S) 170-190	1.4	2.2		.1								3.7	5.1	5.0
200-220	.5	.1	.1									.8	4.1	3.0
230-250	.1	.1										.2	4.5	4.5
(W) 260-280	.4											.4	3.0	3.0
290-310	1.2	.1	.1									1.4	3.5	2.0
320-340	1.0	.5	.1	.1	.1							1.8	6.2	4.0
VARIABLE														
CALM	////////////////////////////////////											4.9	////////////////////////////////	
TOTALS	43.5	11.7	3.3	.3	.2							100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	2.4	.3									5.1	5.2	5.0
020-040	2.8	3.7	1.8	.2								8.5	6.8	6.0
050-070	1.6	.3	.9									2.8	5.7	4.0
(E) 080-100	4.7	1.0	.1									5.8	3.4	3.0
110-130	13.3	4.9	.4									18.7	3.8	3.0
140-160	9.1	7.1	1.1									17.3	4.9	4.0
(S) 170-190	3.4	4.7	1.2									9.4	5.9	6.0
200-220	1.0	.2	.1	.1								1.4	4.9	4.0
230-250	.2		.1									.3	4.3	2.0
(W) 260-280	.4	.2										.6	3.5	3.0
290-310	.5	.2										.8	4.0	3.0
320-340	1.3	.5	.1									1.9	3.9	3.0
VARIABLE														
CALM	////////////////////											27.4	////////	
TOTALS	40.7	25.2	6.1	.3								100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-00	1.0	2.5	.5									4.0	6.4	6.0
020-040	1.5	3.3	3.3	.1								8.3	8.1	8.0
050-070	1.3	1.9	.8									4.0	6.2	6.0
(E) 080-100	1.6	1.0										2.6	4.5	4.0
110-130	1.9	2.6	.5									5.1	5.6	5.0
140-160	4.9	9.0	2.9									16.9	6.3	6.0
(S) 170-190	3.2	13.7	5.3	.1								22.3	7.3	7.0
200-220	4.3	9.9	4.6	.3								19.1	7.1	7.0
230-250	3.3	2.0	.9									6.2	5.2	4.0
(W) 260-280	1.6	1.3										2.9	4.1	3.0
290-310	1.0	.4										1.4	4.0	4.0
320-340	1.0	.3	.1									1.4	3.9	3.0
VARIABLE														
CALM	////////////////////////////////////											5.9	////////////////////////////////	
TOTALS	26.6	47.9	18.9	.5								100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	1.4	.9	.1								3.2	6.8	6.5
020-040	1.7	2.0	2.6	.2								6.6	7.8	8.0
050-070	1.4	1.5	.4									3.3	5.6	5.0
(E) 080-100	2.0	1.6	.4									4.1	5.1	4.5
110-130	2.5	3.2	.9	.1								6.7	6.1	5.0
140-160	3.9	9.7	4.2	.1								17.8	7.2	7.0
(S) 170-190	3.3	12.6	9.2	.5								25.7	8.1	8.0
200-220	3.9	6.2	4.0									14.1	6.9	7.0
230-250	3.1	1.9	1.2									6.2	5.5	4.5
(W) 260-280	1.8	.5	.1									2.5	3.5	3.0
290-310	1.3	.1	.1									1.5	3.7	3.5
320-340	1.0	.9										1.8	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											6.5	////////////////////////////////	
TOTALS	26.8	41.6	24.0	1.0								100.0	6.4	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.9	1.4	.1								3.8	7.2	6.0
020-040	2.3	3.0	1.6	.4	.1							7.4	7.5	7.0
050-070	1.5	2.2	.5	.1								4.3	6.4	6.0
(E) 080-100	1.4	1.6	.3									3.3	5.6	5.0
110-130	3.2	4.3	2.7	.2								10.4	7.0	6.0
140-160	5.1	14.2	8.6	1.5	.1							29.5	7.9	8.0
(S) 170-190	3.1	10.4	7.7	.9								22.2	8.1	8.0
200-220	2.7	3.9	2.9	.1								9.6	7.0	7.0
230-250	1.0	.6	.3									1.9	5.4	4.5
(W) 260-280	.1	.3	.1									.5	6.0	5.0
290-310	.6		.1									.8	3.6	3.0
320-340	.4	.3	.4	.1								1.3	7.3	6.0
VARIABLE														
CALM	////////////////////											5.1	////////	
TOTALS	22.8	41.7	26.6	3.4	.2							100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.8	1.0	.1								3.2	6.3	5.0
020-040	2.0	3.8	1.6	.2								7.6	6.9	7.0
050-070	1.8	1.9	1.0									4.7	6.1	6.0
(E) 080-100	1.8	2.0	.1	.1								4.1	5.2	5.0
110-130	7.7	8.6	3.3		.1							19.8	6.0	6.0
140-160	9.8	19.9	6.1	.3								36.1	6.5	6.0
(S) 170-190	3.0	4.4	1.9									9.4	6.4	6.0
200-220	2.2	1.9	.2									4.3	4.9	4.5
230-250	1.1	.2	.2									1.5	4.6	3.5
(W) 260-280	.1	.2										.3	4.0	5.0
290-310	.2		.1									.3	4.7	2.0
320-340	.4	.4	.2	.2	.1							1.4	8.7	8.0
VARIABLE														
CALM	////////////////////////////////////											7.2	////////	
TOTALS	31.5	44.1	15.7	.9	.2							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7	.6	.6			.1						3.1	5.9	4.0
020-040	2.8	1.0	1.1	.3	.1							5.3	6.3	4.0
050-070	2.3	1.7	.2	.2								4.4	5.6	4.0
(E) 080-100	5.3	2.2	.4									7.8	4.2	4.0
110-130	12.6	7.8	2.7	.2								23.3	5.2	4.0
140-160	13.0	13.0	2.2	.1								28.3	5.2	5.0
(S) 170-190	2.4	2.3	.4									5.1	5.2	5.0
200-220	1.0	.1	.1									1.2	3.5	2.0
230-250	.6	.2	.3									1.2	6.0	4.0
(W) 260-280	.2		.1									.3	4.3	2.0
290-310	.1	.2										.3	5.0	5.0
320-340	.3		.1									.4	4.3	3.0
VARIABLE														
CALM	////////////////////////////////////											19.2	////////	
TOTALS	42.3	29.1	8.2	.8	.1	.1						100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: ALL

WIND SPEED IN KNOTS																	
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN			
(DEGREES)												%	WIND	WIND			
(N) 350-010	1.7	1.3	.8	.1	.0							3.8	6.0	5.0			
020-040	2.5	2.6	1.8	.2	.1										7.1	6.9	6.0
050-070	1.7	1.6	.6	.0										3.9	5.8	6.0	
(E) 080-100	3.3	1.5	.2	.0										5.0	4.1	3.0	
110-130	8.9	4.7	1.4	.1	.0										15.1	4.8	4.0
140-160	8.6	10.4	3.3	.3	.0										22.6	6.0	6.0
(S) 170-190	2.7	6.5	3.3	.2										12.7	7.2	7.0	
200-220	2.0	2.8	1.5	.1										6.4	6.6	7.0	
230-250	1.3	.7	.4										2.3	5.3	4.0		
(W) 260-280	.6	.3	.0										1.0	3.9	3.0		
290-310	.7	1	.1										.9	3.7	3.0		
320-340	.8	.4	.1	.1	.0										1.5	5.7	4.0
VARIABLE																	
CALM	////////////////////////////////////											17.8	////////////////////////////////				
TOTALS	34.8	32.9	13.5	1.1	.1							100.0	4.8	5.0			
TOTAL NUMBER OF OBSERVATIONS 7440																	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	7.7	7.7	3.8									19.2	6.1	6.0
020-040	1.9	11.5	17.3									30.8	9.4	10.0
050-070	1.9	3.8	1.9									7.7	7.3	7.0
(E) 080-100	1.9	1.9	1.9									5.8	7.0	9.0
110-130		11.5	3.8									15.4	8.3	8.0
140-160	3.8		1.9									5.8	5.7	3.0
(S) 170-190														
200-220		1.9										1.9	8.0	8.0
230-250		1.9										1.9	5.0	5.0
(W) 260-280	3.8											3.8	3.0	3.0
290-310														
320-340	1.9		1.9									3.8	8.0	8.0
VARIABLE														
CALM	////////////////////////////////////											3.8	////////////////////////////////	
TOTALS	22.9	40.2	32.5									100.0	7.3	8.0

TOTAL NUMBER OF OBSERVATIONS 52

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	1.4	1.6	1.0								6.9	7.5	6.0
020-040	3.4	1.3	1.7	.8	.3							7.6	7.6	5.5
050-070	2.2	.8	.1	.1								3.2	4.1	3.0
(E) 080-100	4.0	1.1										5.1	3.4	3.0
110-130	10.1	6.7	.9	.1								17.8	4.8	4.0
140-160	8.3	9.9	1.7									19.9	5.5	5.0
(S) 170-190	2.1	3.0	.7	.2								6.0	6.3	6.0
200-220	.7	.4	.2									1.3	5.4	4.5
230-250	.2	.2	.1									.6	5.6	5.0
(W) 260-280	.2											.2	3.0	3.0
290-310	.9	.4		.1								1.4	5.1	4.0
320-340	1.4	.4	.1									2.0	4.1	4.0
VARIABLE														
CALM	////////////////////											28.0	////////	
TOTALS	36.4	25.6	7.1	2.3	.3							100.0	4.0	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 03-05

WIND SPEED IN KNOTS															
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
(N) 350-010	4.0	2.0	2.3	.3	.2	.2						9.1	7.2	5.0	
020-040	2.7	2.2	1.9	.7	.2							7.7	7.8	6.0	
050-070	2.6	.8	.4									3.8	4.5	3.0	
(E) 080-100	4.1	.3	.1									4.6	3.2	3.0	
110-130	9.4	4.6	.4									14.4	4.1	4.0	
140-160	8.1	7.0	1.1									16.2	5.0	4.5	
(S) 170-190	2.3	2.4	.8									5.6	5.6	5.0	
200-220	.7	.4	.1									1.2	5.1	4.0	
230-250	.3	.2										.6	3.6	4.0	
(W) 260-280	.3											.3	2.7	2.0	
290-310	.4	.3										.9	4.3	4.0	
320-340	1.4	1.4	.1	.1	.1							3.2	5.8	5.0	
VARIABLE															
CALM	////////////////////////////////////												32.4	////////////////////////////////	
TOTALS	36.3	21.6	7.3	1.1	.5	.2						100.0	3.6	4.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.9	2.7	2.6	.9	.1	.2						9.3	8.5	8.0
020-040	3.4	2.4	2.2	.6	.2							8.9	7.6	7.5
050-070	1.7	1.1	1.1									3.9	6.2	5.0
(E) 080-100	3.7	1.4	.6	.2								5.9	5.0	4.0
110-130	11.0	6.0	1.8	.1								18.9	4.7	4.0
140-160	6.2	8.9	2.7									17.8	6.1	6.0
(S) 170-190	2.1	3.3	1.3	.1								6.9	6.6	6.0
200-220	.4	.7										1.1	4.8	5.0
230-250	.6											.6	3.2	4.0
(W) 260-280	.6	.1										.7	2.7	2.0
290-310	.8	.4										1.2	3.8	4.0
320-340	1.6	1.1	.1									2.8	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											22.1	////////	
TOTALS	35.0	28.1	12.4	1.9	.3	.2						100.0	4.7	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	1.2	3.0	1.0	.7							7.2	10.7	10.0
020-040	1.3	3.9	3.6	.7								9.4	9.0	8.0
050-070	.9	1.8	.9	.1								3.7	7.4	7.0
(E) 080-100	2.0	1.4	.2									3.7	5.2	4.0
110-130	2.4	3.7	1.3	.1								7.6	6.7	7.0
140-160	3.7	8.8	5.7	1.2	.1							19.4	7.9	8.0
(S) 170-190	4.2	7.6	9.6	1.4		.1						22.9	8.7	9.0
200-220	2.1	4.3	6.0	.4	.1							13.0	8.9	10.0
230-250	.9	1.4	.1	.1								2.6	5.5	5.0
(W) 260-280	1.0	.2										1.2	3.2	3.0
290-310	.4	.3										.8	4.3	4.0
320-340	1.2	.7	.3	.1								2.3	6.0	4.0
VARIABLE														
CALM	////////////////////////////////////											6.2	////////////////////////////////	
TOTALS	21.4	35.3	30.7	5.1	.9	.1						100.0	7.6	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	2.3	1.8	1.4	.4							6.8	10.5	10.0
020-040	1.0	3.6	3.4	.4								8.4	8.8	9.0
050-070	1.2	2.8	.7	.2								4.9	6.9	6.0
(E) 080-100	1.7	1.6	.4									3.7	5.4	5.0
110-130	2.7	2.7	.9	.1								6.3	5.9	6.0
140-160	4.8	8.6	8.3	.6								22.2	7.9	8.0
(S) 170-190	3.3	9.3	11.6	1.6	.4							26.2	9.2	10.0
200-220	2.4	4.1	5.0	.4								12.0	8.4	8.5
230-250	.3	1.7	.1									2.1	5.9	6.0
(W) 260-280	.3	.3	.1									.8	5.7	7.0
290-310	.6	.3										.9	3.9	4.0
320-340	1.0	.6		.1								1.7	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											4.0	////////////////////////////////	
TOTALS	20.1	37.9	32.3	4.8	.8							100.0	7.8	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 15-17

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.2	1.2	2.8	1.0								6.2	9.5	10.0
020-040		1.7	4.1	3.6	.7								10.0	8.4	8.0
050-070		1.3	2.4	.6									4.3	6.2	6.0
(E) 080-100		1.0	2.7	.3	.1	.1							4.2	7.2	7.0
110-130		2.1	5.6	3.2	.4	.1							11.4	7.7	8.0
140-160		3.6	11.8	9.0	1.2								25.6	8.5	8.0
(S) 170-190		3.6	8.1	8.2	2.6	.4							22.9	9.2	9.0
200-20		1.9	1.8	2.8	.4								6.9	8.3	8.0
230-250		.1	8	.3									1.2	7.8	8.0
(W) 260-280		.4	.1	.2									.8	6.1	4.0
290-310		.1	.6			.1							.8	8.7	8.0
320-340		.2	.4	.1	.1								.9	7.6	7.0
VARIABLE															
CALM		////////////////////////////////////											4.8	////////////////////////////////	
TOTALS		17.2	39.6	31.1	6.5	.7							100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.4	2.0	.6								5.0	9.2	10.0
020-040	3.1	3.3	1.8	.2								8.4	6.6	6.0
050-070	2.3	1.6	.6									4.4	5.2	4.0
(E) 080-100	2.3	1.6	.2	.1								4.2	5.0	4.0
110-130	10.7	10.3	3.8	.3								25.1	6.0	5.0
140-160	9.8	11.6	5.6	.7								27.6	6.4	6.0
(S) 170-190	2.2	4.7	2.2	.4	.1							9.7	7.6	7.0
200-220	1.1	.9	.6	.1								2.7	6.5	5.0
230-250	.8	.1	.1									1.0	4.9	4.0
(W) 260-280	.2	.2										.4	4.0	4.5
290-310	.4	.6	.2									1.2	6.1	6.0
320-340		.1	.2									.3	8.3	10.0
VARIABLE														
CALM	////////////////////////////////////											9.9	////////////////////////////////	
TOTALS	33.9	36.4	17.3	2.4	.1							100.0	5.8	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.9	1.6	1.9	.8	.2							7.3	7.8	6.5
020-040	3.7	1.4	1.4	.2	.2							7.0	6.6	4.0
050-070	1.8	.9	.1									2.8	4.0	3.0
(E) 080-100	5.4	1.8	.3									7.6	3.9	3.0
110-130	11.0	9.3	4.0	.6								24.9	6.1	5.0
140-160	8.6	9.7	3.4	.3								22.0	6.1	6.0
(S) 170-190	2.7	2.2	.9	.1	.2							6.1	6.4	6.0
200-220	.8	.1										.9	3.0	3.0
230-250	.4											.4	3.0	3.0
(W) 260-280	.1	.7										.8	5.6	6.0
290-310	.1	.1										.2	6.0	6.0
320-340	.6	.7										1.2	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											18.8	////////////////////////////////	
TOTALS	38.1	28.5	12.0	2.0	.6							100.0	4.8	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N)	350-010	2.1	1.7	2.2	.9	.2	.1						7.2	8.8	8.0
	020-040	2.5	2.8	2.4	.5	.1							8.4	7.8	8.0
	050-070	1.8	1.5	.6	.1								3.9	5.7	5.0
(E)	080-100	3.0	1.5	.3	.1	.0							4.9	4.6	4.0
	110-130	7.4	6.1	2.0	.2	.0							15.8	5.6	5.0
	140-160	6.6	9.5	4.7	.5	.0							21.3	6.8	6.0
(S)	170-190	2.8	5.1	4.4	.8	.2	.0						13.3	8.3	8.0
	200-220	1.3	1.6	1.8	.2	.0							4.9	8.0	8.0
	230-250	.5	.6	.1	.0								1.1	5.5	5.0
(W)	260-280	.4	.2	.0									.7	4.3	3.0
	290-310	.5	.4	.0	.0	.0							.9	5.1	4.0
	320-340	.9	.7	.1	.1	.0							1.8	5.5	4.0
VARIABLE															
CALM		////////////////////////////////////										15.8	////////////////////////////////		
TOTALS		29.8	31.7	18.6	3.4	.5	.1						100.0	5.8	6.0
TOTAL NUMBER OF OBSERVATIONS 7200															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.4	2.4	7.6	.7	.7	1.0					13.8	11.5	10.0
020-040	2.4	7.3	6.2	2.1	.7						18.7	9.6	9.0
050-070	1.4	1.0		.3							2.8	5.9	4.5
(E) 080-100	4.5	4.5	1.0								10.0	5.7	5.0
110-130	7.6	2.8	2.4	.7							13.5	6.0	4.0
140-160	4.2	4.2	2.4								10.7	6.5	7.0
(S) 170-190	3.8	2.1	.7								6.6	5.2	4.0
200-220	.7	.7	1.0								2.4	7.6	8.0
230-250	1.0		.3								1.4	5.5	4.0
(W) 260-280	.7										.7	3.0	3.0
290-310	1.0	.7									1.7	4.8	4.0
320-340	1.4	1.7	.3	.3	.3						4.2	7.5	5.0
VARIABLE													
CALM	////////////////////////////////////										13.5	////////////////////////////////	
TOTALS	30.1	27.4	21.9	4.1	1.7	1.0					100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 289

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 00-02

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		4.7	3.3	1.7	.8	.3	.1						11.0	7.2	5.0
020-040		3.0	4.8	1.9	1.1	.1							11.0	7.5	6.0
050-070		1.2	1.7	.8									3.7	6.6	7.0
(E) 080-100		3.4	1.8	.1									5.4	3.9	3.0
110-130		8.2	5.7	1.2		.2	.1						15.4	5.2	4.0
140-160		3.5	6.9	2.3	.3								13.0	6.9	7.0
(S) 170-190		1.5	2.2	1.0	.1	.1							4.8	7.0	6.0
200-220		.3	.2	.2	.2								1.0	9.1	8.0
230-250		.1	.1										.2	4.0	4.0
(W) 260-280		1.0	.2			.1							1.3	4.7	3.5
290-310		1.3	.2	.1		.2							1.8	6.2	4.0
320-340		1.5	1.8	.6	.3	.2							4.5	7.4	6.0
VARIABLE															
CALM		////////////////////////////////////										27.0	////////////////////////////////		
TOTALS		29.7	28.9	9.9	2.8	1.2	.2						100.0	4.7	5.0
TOTAL NUMBER OF OBSERVATIONS 930															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 03-05

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		4.3	2.8	1.8	.6	.2	.2	.1					10.1	7.6	5.5
020-040		3.0	3.5	2.3	1.3	.1	.1						10.3	8.3	6.0
050-070		1.3	1.3	.9									3.4	6.5	6.0
(E) 080-100		3.7	1.2	.2									5.1	4.3	4.0
110-130		9.5	5.2	1.2	.1		.2						16.1	5.0	4.0
140-160		3.4	3.2	1.8									8.5	6.3	7.0
(S) 170-190		1.3	2.5	.4	.1								4.3	6.2	6.0
200-220		.6	.3	.1									1.1	4.4	3.5
230-250		.2	.2										.4	4.8	5.0
(W) 260-280		.5	.2										.8	3.7	4.0
290-310		2.2	.8			.2	.1						3.2	5.8	4.0
320-340		3.0	2.4	.9	.1								6.3	5.8	5.0
VARIABLE															
CALM		////////////////////////////////////										30.3	////////////////////////////////		
TOTALS		33.0	23.6	9.6	2.2	.5	.6	.1					100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.5	3.3	1.8	1.1	.2							10.0	7.7	6.0
020-040	2.7	4.2	2.2	1.3	.6	.1						11.1	9.0	8.0
050-070	1.6	1.0	.2									2.8	4.7	4.0
(E) 080-100	2.3	.6	.2									3.1	3.9	3.0
110-130	7.0	7.5	1.6									16.1	5.5	5.0
140-160	4.1	6.2	2.3									12.6	6.5	6.0
(S) 170-190	1.4	1.9	.6									4.0	6.3	6.0
200-220	1.1	.8										1.8	3.5	3.0
230-250	.3	.1										.4	3.0	2.0
(W) 260-280	.8	.4	.1									1.3	4.8	4.0
290-310	1.8	.8	.1									2.7	3.8	4.0
320-340	4.5	3.9	1.0	.4	.1							9.9	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////											24.2	////////	
TOTALS	31.1	30.7	10.1	2.8	.9	.1						100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VESUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 09-11

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.0	2.6	3.7	1.3	.9							9.4	11.0	10.0
020-040		2.6	5.4	3.2	2.5	.5	.1						14.3	9.5	8.0
050-070		1.4	2.0	.8	.1								4.3	6.3	6.0
(E) 080-100		1.6	1.3	.4	.1								3.4	6.3	6.0
110-130		1.6	4.8	2.5									8.9	7.3	8.0
140-160		1.9	6.0	6.5	.9								15.3	8.8	9.0
(S) 170-190		2.4	4.3	6.9	2.0	.1							15.7	9.8	10.0
200-220		1.6	3.8	2.3	.4	.1							8.2	8.2	8.0
230-250		1.7	1.3	.4	.3	.1							3.9	6.5	5.0
(W) 260-280		1.9	.8	.3	.2								3.2	5.3	4.0
290-310		.9	1.3	.6									2.8	6.4	6.0
320-340		1.2	1.1	2.4	.5								5.2	9.4	10.0
VARIABLE															
CALM		////////////////////////////////////											5.5	////////////////////////////////	
TOTALS		19.8	34.7	30.0	8.3	1.7	.1						100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.0	3.4	2.9	3.0	.8							11.1	11.4	11.0
020-040	1.8	3.8	4.0	1.3	.1							11.0	9.2	9.0
050-070	1.1	2.4	.5	.3								4.3	7.0	6.0
(E) 080-100	1.0	1.3	.3	.1								2.7	6.5	6.0
110-130	1.8	3.4	1.4	.1	.2							7.0	7.3	6.0
140-160	1.4	4.7	7.0	1.8								14.9	10.1	10.0
(S) 170-190	1.9	6.1	10.2	3.0	.4	.1						21.8	10.5	10.0
200-220	2.3	2.8	2.3	1.2	.2							8.7	8.7	8.0
230-250	1.9	1.7	.9	.1		.1						4.7	6.6	5.5
(W) 260-280	.5	.8	.1	.2	.2	.1						1.9	10.2	8.0
290-310	.4	.4	.6	.1	.2							1.8	9.5	10.0
320-340	1.4	1.9	2.0	.6	.2							6.2	9.2	9.0
VARIABLE														
CALM	////////////////////////////////////											3.8	////////////////////////////////	
TOTALS	16.5	32.7	32.2	11.8	2.3	.3						100.0	9.1	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	3.2	4.2	1.8	.6							10.6	10.9	10.0
020-040	1.7	5.9	4.7	.6								13.0	8.4	8.0
050-070	1.6	1.7	1.0	.2								4.5	6.9	7.0
(E) 080-100	1.2	1.8	.1									3.1	5.3	6.0
110-130	1.7	2.0	2.7	.5								7.0	8.4	8.0
140-160	2.8	6.6	8.1	3.2	.3							21.0	10.0	10.0
(S) 170-190	1.6	6.2	7.2	2.8	.5							18.4	10.3	10.0
200-220	1.5	2.5	1.6	.8								6.3	8.3	8.0
230-250	1.1	1.2	.4	.3	.1							3.1	7.1	5.0
(W) 260-280	.4	.4	.2		.2							1.3	8.7	6.0
290-310	.2	.9		.1	.4							1.6	10.7	8.0
320-340	.8	2.0	1.7	.2	.2	.2						5.2	9.6	8.5
VARIABLE														
CALM	////////////////////////////////////											4.8	////////////////////////////////	
TOTALS	15.4	34.4	31.9	10.5	2.3	.2						100.0	8.8	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	2.7	2.3	.9								9.8	7.2	5.0
020-040	5.1	4.0	2.0	1.0	.2							12.3	6.9	5.5
050-070	3.0	1.9	.9									5.8	5.6	4.0
(E) 080-100	2.2	1.7	.4									4.3	5.6	4.5
110-130	7.5	7.1	2.5	.8	.1							18.0	6.4	5.0
140-160	7.1	8.7	5.3	.5	.1							21.7	7.0	6.0
(S) 170-190	3.0	3.1	1.3	.5								8.0	6.7	6.0
200-220	.4	.1	.1									.6	5.5	4.0
230-250	.4		.3	.3								1.1	9.4	10.0
(W) 260-280	.2	.1					.1					.4	10.5	4.0
290-310	.1	.3	.2	.2								.9	9.8	9.0
320-340	1.1	.8	.8	.6	.1							3.3	9.3	8.0
VARIABLE														
CALM	////////////////////////////////////											13.9	////////	
TOTALS	34.1	30.5	16.1	4.8	.5		.1					100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	2.7	1.7	.4								9.1	6.4	5.0
020-040	4.8	2.6	3.0	.6	.1							11.2	7.2	6.0
050-070	2.0	1.4	1.1	.1								4.6	6.2	5.0
(E) 080-100	3.1	1.8	.6									5.6	5.1	4.0
110-130	6.1	7.3	2.4	.2	.2							16.2	6.4	6.0
140-160	4.6	6.5	4.4	.6	.3							16.5	7.9	8.0
(S) 170-190	1.5	1.4	1.4	.3								4.6	7.9	8.0
200-220	1.0	.1										1.1	2.9	2.0
230-250	.4	.1	.1									.6	4.5	3.5
(W) 260-280	.4	.1		.2	.2							1.0	11.1	8.0
290-310	.4	.2	.1									.8	5.4	4.0
320-340	1.3	1.0	.8	.5	.3							3.9	8.8	6.0
VARIABLE														
CALM	////////////////////////////////////											24.8	////////////////////////////////	
TOTALS	29.9	25.2	15.6	2.9	1.1							100.0	5.2	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 80
MONTH: OCT HOURS: ALL

WIND SPEED IN KNOTS																	
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN			
(DEGREES)												%	WIND	WIND			
(N) 350-010	2.9	3.0	2.5	1.2	.4	.0	.0						10.1	8.7	8.0		
020-040	3.1	4.3	2.9	1.2	.2	.0						11.8	8.3	8.0			
050-070	1.7	1.7	.8	.1											4.2	6.2	5.0
(E) 080-100	2.3	1.5	.3	.0											4.1	5.0	4.0
110-130	5.4	5.4	1.9	.2	.1	.0						13.1	6.1	5.0			
140-160	3.6	6.1	4.7	.9	.1						15.4	8.1	8.0				
(S) 170-190	1.8	3.5	3.6	1.1	.1	.0						10.2	9.2	9.0			
200-220	1.1	1.3	.8	.3	.0						3.6	7.7	7.0				
230-250	.8	.6	.3	.1	.0	.0						1.8	6.6	5.0			
(W) 260-280	.7	.4	.1	.1	.1	.0	.0						1.4	7.0	4.0		
290-310	.9	.6	.2	.1	.1	.0						1.9	6.8	5.0			
320-340	1.8	1.9	1.3	.4	.1	.0						5.6	7.9	7.0			
VARIABLE																	
CALM	////////////////////////////////////											16.8	////////////////////////////////				
TOTALS	26.1	30.3	19.4	5.7	1.2						100.0	6.4	7.0				
TOTAL NUMBER OF OBSERVATIONS 7440																	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	.7	1.3	4.3	2.1	.3							8.7	11.7	12.0
020-040	4.3	8.7	3.8	.7	.7	.1						18.5	8.0	7.0
050-070	3.6	3.4	1.2									8.1	5.7	5.0
(E) 080-100	4.3	2.8	1.0									8.1	5.7	4.0
110-130	3.1	7.1	3.4	.6								14.2	7.6	7.0
140-160	2.4	7.2	7.1	.1								16.9	8.3	9.0
(S) 170-190	1.8	3.7	1.8	.1								7.4	6.9	6.5
200-220	.6	1.3	.1									2.1	5.5	5.0
230-250	.3	.1	.1									.6	5.5	5.0
(W) 260-280	.1	.6	.1	.1			.1					1.2	10.9	8.0
290-310	.7	.1	.1									1.0	4.0	3.0
320-340	.9	1.6	.9		.1							3.6	7.6	7.0
VARIABLE														
CALM	////////////////////////////////////											9.6	////////////////////////////////	
TOTALS	22.8	37.9	23.9	3.7	1.1	.1	.1					100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 676

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 00-02

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		3.0	3.1	4.4	1.8	.7							13.0	9.6	10.0
020-040		3.7	3.2	2.3	.7	.2							10.1	7.3	6.0
050-070		1.3	.9	.1									2.3	4.7	4.0
(E) 080-100		2.7	.2										2.9	2.7	2.0
110-130		7.0	3.9	.9	.2								12.0	5.1	4.0
140-160		6.0	5.3	1.8	.1								13.2	5.8	5.0
(S) 170-190		1.2	1.1	1.1									3.4	7.0	7.0
200-220		.4	.7	.7	.1								1.9	8.2	8.0
230-250		.3	.1										.4	4.5	4.0
(W) 260-280		.3	.9										1.2	5.3	5.0
290-310		2.6	1.9	.6	.3	.1							5.	6.3	5.0
320-340		2.4	2.8	1.7	.9								7.8	7.8	7.0
VARIABLE															
CALM		////////////////////////////////////										26.2	////////////////////////////////		
TOTALS		30.9	24.1	13.6	4.1	1.0							100.0	5.0	5.0
TOTAL NUMBER OF OBSERVATIONS 900															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	DIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	3.9	3.7	1.2	.4							12.2	8.8	8.0
020-04	4.3	2.8	3.1	1.3	.2							11.8	7.9	6.0
050-070	.8	.9		.1								1.8	5.0	5.0
(E) 080-100	2.2	.6	.1									2.9	3.8	4.0
110-130	8.4	3.4	.3									12.2	4.1	4.0
140-160	4.9	4.0	1.0	.1								10.0	5.3	5.0
(S) 170-190	.9	1.1	.8									2.8	6.4	6.0
200-220	.2	.7	.1									1.0	5.4	5.0
230-250	.6	.2	.2									1.0	5.6	4.0
(W) 260-280	.4	.6										1.0	5.1	6.0
290-310	2.8	2.3	.7	.2								6.0	6.1	5.0
320-340	2.2	4.4	1.2	.4	.4	.1						8.9	8.1	7.0
VARIABLE														
CALM	////////////////////////////////////											28.4	////////////////////////////////	
TOTALS	30.7	24.9	11.2	3.3	1.0	.1						100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 06-08

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N)	350-010	3.7	4.3	5.0	2.7	.1							15.8	9.0	9.0
	020-040	1.9	2.7	2.3	.7	.3							7.9	8.7	8.0
	050-070	1.8	.7	.2	.4	.1							3.2	6.8	4.0
(E)	080-100	1.8	.6										2.3	4.0	4.0
	110-130	7.3	3.0	.2									10.6	4.2	4.0
	140-160	5.0	5.6	.9	.1								11.6	5.5	5.0
(S)	170-190	1.6	1.4	1.0	.3								4.3	7.0	6.0
	200-220	.6	.1										.7	4.0	3.5
	230-250	.9		.3									1.2	5.5	4.0
(W)	260-280	.3	.4	.1									.9	5.4	6.0
	290-310	1.7	2.0	1.3	.1								5.1	6.7	6.0
	320-340	3.2	5.3	1.7	.8	.2							11.2	7.3	6.0
VARIABLE															
CALM		////////////////////////////////////											25.2	////////////////////////////////	
TOTALS		29.8	26.1	13.0	5.1	.7							100.0	5.1	6.0
TOTAL NUMBER OF OBSERVATIONS 900															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.9	3.9	5.6	4.3	1.6							17.2	11.7	12.0
020-040	1.7	3.8	3.7	.9	1.0							11.0	10.1	10.0
050-070	.9	1.0	.7									2.6	6.7	7.0
(E) 080-100	.9	.9	.2									2.0	5.4	5.0
110-130	2.8	2.9	1.2	.1								7.0	6.2	5.0
140-160	3.7	5.9	4.0	.2								13.8	7.2	6.5
(S) 170-190	2.2	5.4	6.0	1.1	.6							15.3	9.4	9.5
200-220	1.1	1.6	1.0	.1								3.8	7.2	6.5
230-250	1.6	1.1	.1	.3	.1							3.2	6.2	5.0
(W) 260-280	.8	.3	.2	.2	.2							1.8	8.3	6.5
290-310	1.2	1.1	.8	.4								3.6	8.2	7.5
320-340	1.2	3.3	2.6	1.4	.6	.2						9.3	10.2	10.0
VARIABLE														
CAL	////////////////////////////////////											9.4	////////////////////////////////	
TOTALS	20.0	31.2	26.1	9.0	4.1	.2						100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	3.0	5.6	4.8	1.1	.4						16.1	12.6	13.0
020-040	.6	3.2	3.8	1.9	.6							10.0	11.2	10.0
050-070	1.1	1.2										2.3	4.9	5.0
(E) 080-100	.9	.6		.1								1.6	5.3	4.0
110-130	1.2	2.4	.9	.3								4.9	7.5	7.0
140-160	.9	5.3	4.4	.7	.2							11.6	8.9	8.5
(S) 170-190	2.0	5.3	8.9	3.1	.7							20.0	10.6	10.0
200-220	1.9	2.3	2.9	1.0	.1							8.2	9.0	9.0
230-250	1.2	2.6	1.2	.1				.1	.1			5.3	8.4	7.0
(W) 260-280	1.4	1.3	.4	.2	.1		.1					3.7	7.2	6.0
290-310	.6	.9	.7	.4	.2	.1						2.9	10.7	9.0
320-340	1.2	3.2	1.7	1.9	.9	.1						9.0	10.9	10.0
VARIABLE														
CALM	////////////////////////////////////											4.4	////////////////////////////////	
TOTALS	14.2	31.3	30.5	14.5	3.9	.6	.1	.1	.1			100.0	9.6	10.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONT: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	4.0	6.8	3.2	1.3	.1						16.6	11.7	12.0
020-040	1.2	4.0	3.1	.8	.4							9.6	9.4	9.0
050-070	.8	1.3	.7									2.8	7.1	7.0
(E) 080-100	1.3	.3	.2									1.9	4.2	3.0
110-130	2.7	3.4	1.0									7.1	6.0	6.0
140-160	2.4	5.8	5.6	1.0								14.8	8.8	8.0
(S) 170-190	1.7	7.0	8.3	2.9	.2							20.1	10.1	10.0
200-220	2.6	.8	.9	.3								4.6	6.3	4.0
230-250	1.8	.8	1.1	.1								3.8	6.7	5.0
(W) 260-280	.8	1.0	.3	.1		.1	.1					2.4	9.0	7.5
290-310	.7	.7	.6	.2	.3		.1					2.6	10.9	9.0
320-340	1.2	2.6	3.7	1.4	.2							9.1	9.8	10.0
VARIABLE														
CALM	////////////////////////////////////											4.8	////////////////////////////////	
TOTALS	18.3	31.7	32.3	10.0	2.4	.2	.2					100.0	8.8	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	4.9	3.9	2.1	.6	.1						15.7	8.7	8.0
020-040	4.1	3.1	1.3	.6	.1							9.2	6.4	5.0
050-070	2.3	.7	.3									3.3	4.5	4.0
(E) 080-100	2.2	1.2										3.4	4.2	4.0
110-130	7.1	6.1	1.3	.3								14.9	5.5	5.0
140-160	7.3	7.9	2.9		.1							18.2	6.0	6.0
(S) 170-190	2.9	2.3	1.2									6.4	5.7	5.5
200-220	1.1	.7										1.8	3.9	4.0
230-250	.7	1.0	.2	.1								2.0	5.9	5.0
(W) 260-280	.3	.3	.3									1.0	6.8	6.0
290-310	1.2	1.1	.3	.1	.3							3.1	7.3	5.0
320-340	2.2	2.1	1.0	.1	.2	.1						5.8	7.2	6.0
VARIABLE														
CALM	////////////////////////////////////											15.1	////////////////////////////////	
TOTALS	35.5	31.4	12.7	3.3	1.3	.2						100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.7	2.9	4.2	1.7	.6							13.0	8.8	9.0
020-040	5.6	3.3	2.4	1.2								12.6	7.0	5.0
050-070	1.6	1.1	.2									2.9	5.0	4.0
(E) 080-100	1.6	1.0										2.6	4.3	4.0
110-130	8.0	6.2	1.7	.1								16.0	5.5	4.5
140-160	5.0	7.8	3.0	.1								15.9	6.5	6.0
(S) 170-190	.7	2.2	.8									3.7	6.8	6.0
200-220	.2	.3	.2	.1								.9	7.4	6.0
230-250	.1	.1	.1	.1	.1							.6	10.8	10.0
(W) 260-280	.9	.3	.1		.2							1.6	6.6	4.0
290-310	1.6	1.7	1.0	.3	.1							4.7	7.6	7.0
320-340	1.0	2.7	.8	.7	.1							5.2	8.1	7.0
VARIABLE														
CALM	////////////////////////////////////											20.6	////////////////////////////////	
TOTALS	30.0	29.6	14.5	4.3	1.1							100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	3.8	4.9	2.7	.8	.1						14.9	10.2	10.0
020-040	2.9	3.3	2.8	1.0	.4							10.3	8.5	8.0
050-070	1.3	1.0	.3	.1	.0							2.7	5.6	5.0
(E) 080-100	1.7	.7	.1	.0								2.4	4.1	4.0
110-130	5.6	3.9	.9	.1								10.6	5.3	4.0
140-160	4.4	5.9	2.9	.3	.0							13.6	6.8	6.0
(S) 170-190	1.6	3.3	3.5	.9	.2							9.5	9.1	9.0
200-220	1.0	.9	.7	.2	.0							2.8	7.3	6.0
230-250	.9	.7	.4	.1	.0			.0	.0			2.2	6.9	5.5
(W) 260-280	.7	.7	.2	.1	.1	.0	.0					1.7	7.1	6.0
290-310	1.5	1.5	.7	.3	.1	.0	.0					4.2	7.5	6.0
320-340	1.8	3.3	1.8	1.0	.3	.1						8.3	8.8	8.0
VARIABLE														
CALM	////////////////////											16.8	////////	
TOTALS	26.1	29.0	19.2	6.8	1.9	.2						100.0	6.5	7.0
TOTAL NUMBER OF OBSERVATIONS 7200														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.1	6.8	10.5	5.9	1.2							26.6	11.2	12.0
020-040	2.3	5.9	7.4	3.6	1.4							20.6	10.8	10.5
050-070	2.6	2.1	.5	.2							5.3	5.7	5.0	
(E) 080-100	1.5	1.5										3.0	5.0	4.5
110-130	3.6	7.0	2.3	.2							13.1	6.3	6.0	
140-160	1.7	5.3	3.0	.3							10.3	7.6	8.0	
(S) 170-190	.9	2.7	2.1	.2							5.9	7.8	8.0	
200-220	.5	.8	.2	.2							1.5	7.0	5.5	
230-250	.6	.3	.2							.2	1.2	9.3	4.5	
(W) 260-280			.2							.2	.3	21.5	17.5	
290-310	.2	.2			.2			.2				.6	15.8	14.5
320-340	.6	1.2	1.2	.5							3.5	9.0	8.0	
VARIABLE														
CALM	////////////////////////////////////											8.0	////////////////////////////////	
TOTALS	16.6	33.8	27.6	11.1	2.8	.4		.2				100.0	8.4	8.0

TOTAL NUMBER OF OBSERVATIONS 659

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 00-02

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.1	4.5	4.7	2.2	.5							17.0	8.5	8.0
020-040	3.3	4.1	3.0	2.3	.1	.2						13.0	9.1	8.0
050-070	1.8	.8	.1									2.7	4.2	4.0
(E) 080-100	3.0	.4										3.4	3.2	3.0
110-130	4.9	2.4	.9	.3								8.5	5.1	4.0
140-160	2.8	3.7	.6	.1								7.2	5.6	5.0
(S) 170-190	1.2	1.8	.3	.2								3.5	6.7	6.0
200-220	.8	1.6	.3									2.7	6.2	7.0
230-250	.3	.2	.2									.8	5.7	5.0
(W) 260-280	1.7	.5	.1									2.4	3.9	4.0
290-310	3.2	2.4	.6	.1								6.3	5.2	4.0
320-340	4.4	4.0	.6	.1								9.1	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											23.3	////////////////////////////////	
TOTALS	32.5	26.4	11.4	5.3	.6	.2						100.0	5.0	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	5.3	4.9	6.1	1.8	.2							18.4	8.6	8.0
020-040	2.7	3.2	2.8	1.4	.4	.4						11.0	9.5	8.0
050-070	.6	.9										1.5	4.9	5.5
(E) 080-100	2.0	.8	.2									3.0	4.0	3.0
110-130	5.2	2.2	.8	.1								8.2	4.7	3.0
140-160	2.9	3.8	.4									7.1	5.6	5.0
(S) 170-190	1.1	1.9	1.0									4.0	7.1	7.0
200-220	1.1	.1	.1									1.3	3.9	4.0
230-250	.6	.4	.3									1.4	6.2	5.0
(W) 260-280	1.4	1.0										2.4	3.7	3.0
290-310	2.5	2.8	.3	.2								5.8	5.8	5.0
320-340	4.1	3.8	.8	.1	.1							8.8	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////											27.2	////////////////////////////////	
TOTALS	29.5	25.8	12.8	3.6	.7	.4						100.0	4.9	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	4.6	7.1	1.4	.2	.1	.1	.1				17.8	9.2	10.0
020-040	3.5	4.3	1.8	1.7	.3	.2						11.9	8.4	7.0
050-070	1.1	.8		.3								2.2	6.0	4.5
(E) 080-100	2.5	1.0										3.4	3.8	3.5
110-130	5.7	2.4	.8	.1								8.9	5.1	4.0
140-160	3.7	3.7	1.0	.1								8.4	5.6	5.0
(S) 170-190	1.8	2.2	.4									4.4	5.6	5.0
200-220	.8	.5										1.3	4.3	3.0
230-250	.5	.8	.1									1.4	5.4	5.0
(W) 260-280	1.6	1.1										2.7	4.4	4.0
290-310	4.5	2.4	.4									7.3	4.6	4.0
320-340	3.2	3.3	1.2	.4	.1							8.3	6.5	5.0
VARIABLE														
CALM	////////////////////////////////////											21.9	////////////////////////////////	
TOTALS	33.1	27.1	12.8	4.0	.6	.3	.1	.1				100.0	5.2	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	3.2	6.7	2.9	.4	.1	.2					15.4	11.3	12.0
020-040	2.2	4.4	5.2	2.3	.2							14.2	9.8	10.0
050-070	1.0	1.2	.1	.3								2.6	6.3	5.0
(E) 080-100	.6	1.0	.1									1.7	5.3	5.0
110-130	1.8	4.1	1.4									7.3	6.3	6.0
140-160	2.7	6.6	3.3	.8								13.3	7.7	7.0
(S) 170-190	2.2	3.5	1.9	.3								8.0	7.1	6.5
200-220	2.5	1.4	.3									4.2	4.7	4.0
230-250	1.4	1.8	.1									3.3	5.4	5.0
(W) 260-280	2.0	1.5	.1	.1								3.8	4.7	4.0
290-310	2.8	1.9	.2	.2								5.2	5.3	4.0
320-340	2.7	4.5	2.3	.8	.4							10.6	8.1	7.0
VARIABLE														
CALM	////////////////////											10.4	////////	
TOTALS	23.7	35.1	21.7	7.7	1.0	.1	.2					100.0	7.1	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 12-14

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.2	2.7	7.0	3.7	.8	.2						15.5	12.0	12.0
020-040		2.5	4.0	6.0	1.9	.3							14.7	9.4	10.0
050-070		.9	2.0	.3	.3	.1							3.7	7.3	6.0
(E) 080-100		1.3	.1										1.4	2.8	3.0
110-130		1.5	2.4	1.1	.1								5.1	6.7	6.0
140-160		2.5	5.2	4.4	1.0	.2							13.2	8.6	8.0
(S) 170-190		1.5	6.2	5.2	1.7	.1							14.7	9.5	9.0
200-220		2.5	3.0	1.4	.4	.2							7.5	7.1	6.0
230-250		2.0	2.4	.4	.1								4.9	5.8	6.0
(W) 260-280		1.3	1.3	.3	.1								3.0	5.9	5.0
290-310		1.1	1.6	.6	.1								3.4	6.8	6.0
320-340		1.9	2.2	3.1	1.3	.5							9.0	9.9	10.0
VARIABLE															
CALM		////////////////////////////////////										3.8	////////////////////////////////		
TOTALS		20.2	33.1	29.8	10.7	2.2	.2						100.0	8.5	8.0
TOTAL NUMBER OF OBSERVATIONS 930															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALIUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.2	4.5	7.0	3.9	.2							17.4	10.6	10.0
020-040	1.8	5.6	3.8	1.6	.4							13.2	9.3	8.0
050-070	1.7	1.2	.4	.2								3.5	6.0	5.0
(E) 080-100	1.5	.9										2.4	4.2	4.0
110-130	1.1	3.4	1.5	.3								6.3	7.7	8.0
140-160	3.1	7.6	3.9	.3	.1							15.1	7.4	7.0
(S) 170-190	2.8	6.2	5.1	1.1	.1							15.3	8.4	8.0
200-220	1.7	2.2	1.4	.3	.1							5.7	7.6	7.0
230-250	1.5	1.5	.2	.1	.1							3.4	5.8	5.0
(W) 260-280	.9	.9	.5									2.3	6.2	5.0
290-310	.9	1.0	1.1	.1								3.0	7.8	7.0
320-340	2.3	2.5	2.6	.9								8.2	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////										4.2	////////////////////////////////		
TOTALS	21.1	37.5	27.5	8.8	1.0							100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.7	5.3	4.3	2.4	.5							17.2	8.6	8.0
020-040	7.0	3.5	3.0	1.6	.3							15.5	7.5	5.0
050-070	2.8	.5	.1									3.4	3.3	3.0
(E) 080-100	2.8	.5	.1									3.4	4.0	4.0
110-130	5.8	4.9	.2	.4								11.4	5.0	4.0
140-160	5.5	6.7	1.0	.1								13.2	5.5	5.0
(S) 170-190	1.9	2.8	.4									5.2	5.5	5.0
200-220	1.0	1.2	.1									2.3	5.1	5.0
230-250	.9	.3	.1									1.3	4.8	3.5
(W) 260-280	1.2	.5	.3									2.0	5.5	4.0
290-310	.9	1.1	.2	.1								2.3	5.9	5.0
320-340	2.0	1.9	1.1	.2	.1							5.4	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											17.4	////////	
TOTALS	36.5	29.2	10.9	4.8	.9							100.0	5.3	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	4.8	4.2	1.9	.4	.1						15.9	8.6	8.0
020-040	5.3	4.1	4.1	1.6	.1	.1						15.3	8.0	7.0
050-070	2.8	1.0	.3	.1								4.2	4.2	3.0
(E) 080-100	2.3	.6	.2									3.1	3.9	3.0
110-130	4.8	3.0	.9	.3								9.0	5.4	4.0
140-160	3.8	5.3	1.4									10.4	6.0	6.0
(S) 170-190	1.4	2.3	.5	.1								4.3	6.5	6.0
200-220	1.3	.9	.1									2.3	5.3	4.0
230-250	.8	.2										1.0	3.0	2.0
(W) 260-280	.3	.8	.2									1.3	6.2	5.5
290-310	2.2	.9	.5									3.5	5.2	4.0
320-340	3.7	2.7	.6	.2								7.2	5.4	4.0
VARIABLE														
CALM	////////////////////////////////////											22.5	////////	
TOTALS	33.1	26.6	13.0	4.2	.5	.2						100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		3.6	4.3	5.9	2.5	.4	.1	.0	.0				16.8	9.6	10.0
020-040		3.5	4.2	3.7	1.8	.3	.1						13.6	8.8	8.0
050-070		1.6	1.0	.2	.2	.0							3.0	5.3	4.0
(E) 080-100		2.0	.7	.1									2.7	3.9	3.0
110-130		3.9	3.1	.9	.2								8.1	5.6	5.0
140-160		3.4	5.3	2.0	.3	.0							11.0	6.7	6.0
(S) 170-190		1.7	3.4	1.9	.4	.0							7.4	7.7	8.0
200-220		1.4	1.4	.5	.1	.0							3.4	6.1	5.0
230-250		1.0	1.0	.2	.0	.0							2.2	5.5	5.0
(W) 260-280		1.3	.9	.2	.0								2.5	5.0	4.0
290-310		2.2	1.7	.5	.1								4.6	5.6	5.0
320-340		3.0	3.1	1.5	.5	.2							8.3	7.1	6.0
VARIABLE															
CALM		////////////////////////////////////										16.3	////////////////////////////////		
TOTALS		28.6	30.1	17.6	6.1	.9	.2						100.0	6.1	6.0
TOTAL NUMBER OF OBSERVATIONS 7440															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.4	5.9	11.0	6.6	1.1	.1						27.1	11.5	12.0
020-040	2.6	5.4	7.6	6.4	1.2	.2						23.4	11.6	12.0
050-070	1.0	1.6	.7	.4								3.6	7.6	6.5
(E) 080-100	1.0	1.2	.1									2.3	5.2	5.0
110-130	2.2	4.1	2.2	.4								8.8	7.5	7.0
140-160	2.2	6.6	2.8	.8								12.4	7.8	7.0
(S) 170-190	1.0	3.6	1.1									5.6	7.1	7.0
200-220	.7	1.6	.2									2.5	5.9	6.0
230-250		.2										.2	6.5	6.5
(W) 260-280	.8	.6										1.4	4.8	4.0
290-310	.7	.5	.7									1.9	7.1	8.0
320-340	1.2	1.8	1.6	.2	.2							5.0	8.6	8.0
VARIABLE														
CALM	////////////////////////////////////											5.6	////////////////////////////////	
TOTALS	15.8	33.1	28.0	14.8	2.5	.3						100.0	9.1	9.0

TOTAL NUMBER OF OBSERVATIONS 833

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AU 79 - JUL 89
MONTH: ALL HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		2.4	2.7	3.2	1.5	.5	.1	.0	.0	.0			10.4	9.7	10.0
020-040		2.8	3.6	3.0	1.1	.3	.0	.0	.0				10.8	8.6	8.0
050-070		1.7	1.5	.6	.1	.0	.0						3.9	6.0	5.0
(E) 080-100		2.5	1.6	.5	.1	.0	.0						4.6	5.2	4.0
110-130		5.4	4.9	2.2	.3	.1	.0						12.9	6.2	5.0
140-160		4.5	7.0	4.2	.9	.2	.0						16.7	7.6	7.0
(S) 170-190		1.8	3.9	3.5	.9	.1	.0						10.2	8.7	8.0
200-220		1.2	1.6	1.2	.2	.0	.0						4.2	7.6	7.0
230-250		.8	.8	.4	.1	.0	.0	.0	.0	.0			2.1	6.9	6.0
(W) 260-280		.8	.6	.2	.1	.0	.0	.0					1.7	6.3	5.0
290-310		1.2	1.0	.4	.1	.1	.0	.0					2.8	6.9	5.0
320-340		1.6	2.0	1.2	.5	.2	.1	.0	.0				5.6	8.3	7.0
VARIABLE															
CALM		////////////////////////////////////										14.1	////////////////////////////////		
TOTALS		26.7	31.2	20.6	5.9	1.5	.2						100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS: 87666

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N)	350-010	1.6	4.4	8.0	4.3	1.1	.1	.0					19.6	11.6	12.0
	020-040	2.5	6.4	7.0	3.0	.8	.1	.0	.0				19.9	10.3	10.0
	050-070	1.5	2.5	.9	.2								5.1	6.7	6.0
(E)	080-100	2.1	3.5	1.1	.1	.0							6.8	6.5	6.0
	110-130	3.0	6.7	4.7	.5	.0							15.0	7.9	8.0
	140-160	2.0	5.8	4.4	.5	.1	.0						12.8	8.4	8.0
(S)	170-190	1.0	2.6	1.4	.2								5.2	7.5	7.0
	200-220	.5	.7	.3	.0	.0	.0						1.6	6.6	6.0
	230-250	.3	.2	.1	.0	.1	.0	.1		.0			.8	9.6	6.0
(W)	260-280	.3	.3	.1	.0		.0	.0					.8	7.8	6.0
	290-310	.4	.5	.3	.1	.1	.0	.0					1.3	8.4	6.5
	320-340	.9	1.3	1.0	.4	.2	.1						3.9	9.3	8.0
VARIABLE															
CALM		////////////////////////////////////										7.2	////////////////////////////////		
TOTALS		16.1	34.9	29.3	9.3	2.4	.3	.1					10.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS: 5516

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRR	TT	DD DD
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 900 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.2	68.7	68.9	69.1	69.1	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.7	69.7
GE 20000	72.7	73.2	73.4	73.7	73.7	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.2	74.2
GE 18000	72.7	73.2	73.4	73.7	73.7	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.2	74.2
GE 16000	72.7	73.2	73.4	73.7	73.7	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.2	74.2
GE 14000	72.8	73.3	73.5	73.8	73.8	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.3	74.3
GE 12000	74.6	75.2	75.5	75.7	75.7	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.2	76.2
GE 10000	75.8	76.3	76.8	77.0	77.0	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.5	77.5
GE 9000	76.9	77.4	77.8	78.1	78.1	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.6	78.6
GE 8000	78.3	78.8	79.2	79.6	79.6	79.6	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.1	80.1
GE 7000	78.4	78.9	79.4	79.7	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.2	80.2
GE 6000	79.1	79.7	80.1	80.4	80.4	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.9	80.9	81.0	81.0
GE 5000	79.4	79.9	80.4	80.8	80.8	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.3	81.3
GE 4500	80.0	80.9	81.4	81.7	81.7	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.3	82.3
GE 4000	80.3	81.3	81.8	82.2	82.2	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.7	82.7
GE 3500	81.2	82.2	82.8	83.1	83.1	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.7	83.7
GE 3000	82.3	83.2	84.0	84.3	84.3	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.8	84.8
GE 2500	83.1	84.2	84.9	85.3	85.3	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.9	85.9
GE 2000	85.3	86.3	87.1	87.4	87.4	87.4	87.7	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.1	88.1
GE 1800	85.7	86.8	87.6	88.0	88.0	88.0	88.3	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.7	88.7
GE 1500	86.9	88.1	88.9	89.2	89.2	89.2	89.6	89.8	89.8	89.8	89.8	89.8	89.9	89.9	90.0	90.0
GE 1200	87.7	88.9	89.8	90.1	90.1	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.9	90.9
GE 1000	88.1	89.4	90.2	90.6	90.6	90.6	91.0	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.4	91.4
GE 900	88.4	89.7	90.8	91.2	91.2	91.2	91.5	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.9	91.9
GE 800	88.8	90.1	91.2	91.6	91.6	91.6	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.7
GE 700	89.7	91.3	92.5	92.9	92.9	92.9	93.3	93.5	93.5	93.7	93.7	93.7	93.8	93.8	94.1	94.1
GE 600	89.9	91.6	92.9	93.3	93.3	93.3	93.8	94.0	94.0	94.3	94.3	94.3	94.4	94.4	94.7	94.7
GE 500	90.0	92.0	93.5	94.2	94.2	94.2	94.7	94.9	94.9	95.6	95.6	95.6	95.7	95.7	96.0	96.0
GE 400	90.0	92.0	94.0	94.6	95.1	95.3	96.1	96.3	96.3	97.3	97.6	97.6	97.7	97.7	98.1	98.1
GE 300	90.0	92.0	94.1	94.7	95.7	95.9	96.8	97.0	97.0	98.0	98.3	98.3	98.5	98.5	98.8	98.8
GE 200	90.0	92.0	94.1	94.7	95.7	95.9	96.9	97.1	97.1	98.2	98.5	98.5	98.7	98.7	99.1	99.1
GE 100	90.0	92.0	94.1	94.7	95.7	95.9	96.9	97.1	97.1	98.2	98.5	98.5	98.7	98.7	99.1	99.5
GE 000	90.0	92.0	94.1	94.7	95.7	95.9	96.9	97.1	97.1	98.2	98.5	98.5	98.7	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.8	65.4	66.3	66.5	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3	67.3
GE 20000	69.5	70.0	71.0	71.2	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.0	72.0
GE 18000	69.5	70.0	71.0	71.2	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.0	72.0
GE 16000	69.5	70.0	71.0	71.2	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.0	72.0
GE 14000	69.7	70.2	71.2	71.4	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.3	72.3
GE 12000	71.0	71.5	72.7	72.9	73.3	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.9	73.9
GE 10000	72.4	72.9	74.1	74.3	74.7	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3
GE 9000	72.9	73.4	74.6	74.8	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.8	75.8
GE 8000	74.3	74.8	76.0	76.2	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.2	77.2
GE 7000	74.3	74.8	76.0	76.2	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.2	77.2
GE 6000	75.3	75.8	77.0	77.2	77.6	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.2	78.2
GE 5000	76.2	76.8	78.0	78.2	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1	9.1
GE 4500	77.1	77.8	79.0	79.2	79.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2	80.2
GE 4000	77.5	78.4	79.6	79.8	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.8	80.8
GE 3500	78.4	79.4	80.5	80.8	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.7	81.7
GE 3000	79.0	80.0	81.2	81.4	81.8	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.4
GE 2500	80.3	81.3	82.6	82.8	83.3	83.5	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	84.0	84.0
GE 2000	81.7	82.7	84.0	84.2	84.8	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.5
GE 1800	82.5	83.4	84.8	85.2	85.8	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.5	86.5
GE 1500	84.3	85.6	87.3	87.6	88.3	88.5	88.5	88.7	88.8	88.8	88.9	88.9	88.9	88.9	89.1	89.1
GE 1200	84.7	86.2	88.1	88.4	89.0	89.2	89.2	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.9	89.9
GE 1000	85.1	86.6	88.5	88.8	89.5	89.7	89.7	89.9	90.0	90.1	90.2	90.2	90.2	90.2	90.4	90.4
GE 900	85.1	86.7	88.9	89.2	90.0	90.2	90.2	90.4	90.5	90.6	90.8	90.8	90.8	90.8	91.0	91.0
GE 800	85.5	87.3	89.8	90.1	90.9	91.1	91.1	91.5	91.6	91.7	91.8	91.8	91.8	91.8	92.0	92.0
GE 700	86.5	88.5	91.0	91.5	92.3	92.5	92.5	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.4	93.4
GE 600	87.0	89.0	91.7	92.4	93.1	93.4	93.4	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.4	94.4
GE 500	87.3	89.4	92.4	93.1	93.9	94.2	94.5	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.6	95.6
GE 400	87.7	89.8	92.8	93.5	94.3	94.7	95.3	95.9	96.0	96.2	96.9	96.9	96.9	96.9	97.2	97.2
GE 300	87.7	89.8	93.1	93.9	94.6	95.1	95.6	96.3	96.7	96.9	97.5	97.5	97.5	97.5	97.8	97.8
GE 200	87.7	89.8	93.2	94.0	94.7	95.2	95.8	96.7	97.0	97.7	98.5	98.5	98.5	98.5	98.8	99.0
GE 100	87.7	89.8	93.2	94.0	94.7	95.2	95.8	96.7	97.0	97.7	98.5	98.5	98.5	98.5	98.8	99.5
GE 000	87.7	89.8	93.2	94.0	94.7	95.2	95.8	96.7	97.0	97.7	98.5	98.5	98.5	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.8	60.3	61.1	61.3	61.9	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.4	62.5	62.5	62.5
GE 20000	67.1	67.6	68.4	68.7	69.4	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.8	69.9	69.9	69.9
GE 18000	67.2	67.7	68.5	68.8	69.5	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.9	70.0	70.0	70.0
GE 16000	67.2	67.7	68.5	68.8	69.5	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.9	70.0	70.0	70.0
GE 14000	67.3	67.8	68.6	68.9	69.6	69.8	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.1	70.1	70.1
GE 12000	68.7	69.2	70.0	70.3	71.0	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.7	71.8	71.8	71.8
GE 10000	71.2	71.7	72.6	72.9	73.5	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.3	74.4	74.4	74.4
GE 9000	71.4	71.9	72.8	73.1	73.8	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.5	74.6	74.6	74.6
GE 8000	72.7	73.3	74.2	74.5	75.2	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.9	76.0	76.0	76.0
GE 7000	73.2	73.9	74.7	75.1	75.7	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.5	76.6	76.6	76.6
GE 6000	74.0	74.6	75.5	75.8	76.5	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.2	77.3	77.3	77.3
GE 5000	75.6	76.3	77.2	77.5	78.2	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.9	79.0	79.0	79.0
GE 4500	77.0	77.7	78.6	78.9	79.6	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.3	80.4	80.4	80.4
GE 4000	77.3	78.1	78.9	79.2	79.9	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.6	80.8	80.8	80.8
GE 3500	77.6	78.5	79.4	79.7	80.3	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.1	81.2	81.2	81.2
GE 3000	77.8	78.7	79.7	80.0	80.6	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.4	81.5	81.5	81.5
GE 2500	78.7	79.6	80.6	81.2	81.8	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.6	82.7	82.7	82.7
GE 2000	79.2	80.3	81.5	82.2	82.9	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.7	83.8	83.8	83.8
GE 1800	79.9	81.0	82.2	82.9	83.8	84.2	84.3	84.4	84.4	84.4	84.5	84.5	84.6	84.7	84.7	84.7
GE 1500	81.9	83.1	84.3	85.1	85.9	86.3	86.5	86.6	86.6	86.6	86.9	86.9	87.0	87.1	87.1	87.1
GE 1200	82.7	84.2	85.7	86.5	87.3	87.7	88.0	88.1	88.1	88.1	88.4	88.4	88.5	88.6	88.6	88.6
GE 1000	83.2	85.1	86.7	87.4	88.5	88.9	89.1	89.2	89.2	89.2	89.6	89.6	89.7	89.8	89.8	89.8
GE 900	83.5	85.4	87.0	87.7	88.8	89.2	89.5	89.6	89.6	89.6	89.9	89.9	90.0	90.1	90.1	90.1
GE 800	84.1	85.9	87.6	88.5	89.8	90.2	90.4	90.8	90.8	90.8	91.1	91.1	91.2	91.3	91.3	91.3
GE 700	84.3	86.1	88.3	89.1	90.5	91.0	91.4	91.6	91.6	91.6	91.9	91.9	92.0	92.2	92.2	92.2
GE 600	84.6	86.6	89.1	90.1	91.7	92.2	92.7	93.0	93.0	93.0	93.3	93.3	93.4	93.5	93.5	93.5
GE 500	84.8	87.1	89.7	90.8	92.6	93.1	93.9	94.2	94.3	94.4	94.7	94.7	94.8	94.9	94.9	94.9
GE 400	85.1	87.6	90.3	91.4	93.4	94.2	95.1	95.4	95.5	95.7	96.1	96.1	96.2	96.3	96.3	96.3
GE 300	85.2	87.7	90.4	91.5	93.7	94.4	95.4	95.7	95.9	96.2	97.0	97.0	97.2	97.3	97.3	97.3
GE 200	85.2	87.7	90.6	91.7	93.9	94.6	95.7	96.0	96.2	96.7	97.6	97.6	97.8	98.1	98.4	98.7
GE 100	85.2	87.7	90.6	91.7	93.9	94.6	95.7	96.0	96.2	96.7	97.6	97.6	97.8	98.1	98.4	99.7
GE 000	85.2	87.7	90.6	91.7	93.9	94.6	95.7	96.0	96.2	96.7	97.6	97.6	97.8	98.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.3	59.1	59.7	60.0	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4
GE 20000	65.7	66.6	67.1	67.4	67.4	67.6	67.7	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.1	68.1
GE 18000	65.9	66.8	67.3	67.6	67.6	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.3	68.3
GE 16000	65.9	66.8	67.3	67.6	67.6	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.3	68.3
GE 14000	67.0	67.8	68.4	68.7	68.7	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.4	69.4
GE 12000	68.0	68.8	69.4	69.7	69.7	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.3	70.3
GE 10000	71.4	72.4	73.0	73.3	73.3	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.9	73.9	74.0	74.0
GE 9000	71.7	72.7	73.3	73.7	73.7	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.3	74.3
GE 8000	73.9	74.8	75.5	75.8	75.8	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.5	76.5
GE 7000	75.1	76.0	76.7	77.0	77.0	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.6	77.6
GE 6000	75.7	76.7	77.3	77.6	77.6	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.3	78.3
GE 5000	76.5	77.5	78.2	78.5	78.5	78.7	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.1	79.1
GE 4500	77.5	78.6	79.2	79.6	79.6	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.2	80.2
GE 4000	77.5	78.7	79.4	79.7	79.7	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.3	80.3
GE 3500	77.7	78.9	79.6	79.9	80.0	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.6	80.6
GE 3000	77.8	79.5	80.2	80.5	80.6	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.5	81.5
GE 2500	79.0	80.6	81.4	81.9	82.0	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.9	82.9
GE 2000	79.9	81.5	82.3	82.9	83.0	83.3	83.4	83.8	83.8	83.8	83.8	83.8	83.9	83.9	84.0	84.0
GE 1800	80.6	82.3	83.0	83.7	83.8	84.1	84.2	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.7	84.7
GE 1500	82.5	84.2	84.9	85.7	86.1	86.5	86.7	87.1	87.1	87.1	87.1	87.1	87.3	87.3	87.4	87.4
GE 1200	83.3	85.4	86.5	87.3	87.7	88.1	88.3	88.7	88.7	88.7	88.7	88.7	88.9	88.9	89.0	89.0
GE 1000	84.0	86.0	87.3	88.2	88.6	88.9	89.5	89.9	89.9	89.9	89.9	89.9	90.1	90.2	90.3	90.3
GE 900	84.1	86.3	87.8	88.7	89.1	89.5	90.1	90.6	90.6	90.6	90.6	90.6	90.9	91.0	91.1	91.1
GE 800	84.3	86.7	88.3	89.7	90.3	90.6	91.4	92.0	92.0	92.0	92.0	92.0	92.3	92.4	92.5	92.5
GE 700	84.6	87.3	89.1	90.8	91.7	92.0	92.8	93.4	93.4	93.4	93.4	93.4	93.7	93.8	93.9	93.9
GE 600	84.7	87.4	89.4	91.3	92.4	92.7	93.7	94.3	94.3	94.3	94.3	94.3	94.5	94.6	94.7	94.7
GE 500	84.8	87.7	89.8	91.8	93.3	94.0	95.3	95.9	95.9	95.9	96.0	96.0	96.2	96.3	96.5	96.5
GE 400	84.8	87.8	90.0	92.3	94.0	94.6	96.2	97.0	97.0	97.1	97.4	97.4	97.6	97.7	97.8	97.8
GE 300	84.8	87.8	90.0	92.4	94.1	94.7	96.6	97.5	97.6	97.7	98.2	98.2	98.6	98.7	98.8	98.8
GE 200	84.8	87.8	90.0	92.4	94.1	94.7	96.6	97.5	97.6	97.7	98.3	98.3	98.8	98.9	99.2	99.4
GE 100	84.8	87.8	90.0	92.4	94.1	94.7	96.6	97.5	97.6	97.7	98.4	98.4	98.9	99.0	99.6	100.0
GE 000	84.8	87.8	90.0	92.4	94.1	94.7	96.6	97.5	97.6	97.7	98.4	98.4	98.9	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.5	59.1	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 20000	70.3	71.0	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 18000	70.8	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 16000	71.0	71.6	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 14000	72.0	72.7	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 12000	72.9	73.5	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 10000	74.9	75.6	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 9000	75.2	75.8	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 8000	76.9	77.5	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 7000	77.8	78.5	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 6000	78.4	79.0	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 5000	79.0	80.0	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4500	79.5	80.5	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4000	79.7	80.8	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3500	80.4	81.5	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3000	81.2	82.3	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2500	81.6	82.7	83.3	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 2000	82.9	84.1	84.8	85.1	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1800	83.3	84.5	85.3	85.5	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1500	85.6	87.2	88.1	88.3	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1200	86.7	88.7	89.9	90.1	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	87.2	89.4	90.6	91.1	91.9	91.9	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9
GE 900	87.4	90.1	91.4	91.9	93.0	93.1	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4
GE 800	87.7	90.5	91.8	92.6	93.7	93.9	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.2	95.2
GE 700	87.7	90.6	91.9	93.3	94.6	94.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.5	96.5
GE 600	87.8	90.8	92.4	94.0	95.4	95.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.3	97.3
GE 500	88.0	91.2	92.8	94.5	96.3	96.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7
GE 400	88.0	91.2	92.8	94.6	96.7	97.4	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.7	99.7
GE 300	88.0	91.2	92.8	94.6	96.7	97.4	98.6	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.8	99.8
GE 200	88.0	91.2	92.8	94.6	96.7	97.4	98.6	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.8	99.8
GE 100	88.0	91.2	92.8	94.6	96.7	97.4	98.6	98.9	99.1	99.4	99.4	99.4	99.4	99.4	100.0	100.0
GE 000	88.0	91.2	92.8	94.6	96.7	97.4	98.6	98.9	99.1	99.4	99.4	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.6	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 20000	72.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 18000	73.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 16000	73.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 14000	74.0	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 12000	75.3	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 10000	77.8	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 9000	78.4	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 8000	80.0	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 7000	80.6	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 6000	81.2	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 5000	81.9	83.3	83.5	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4500	82.2	83.5	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4000	82.4	83.8	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3500	82.6	84.1	84.4	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3000	83.3	84.8	85.2	85.3	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2500	84.4	86.0	86.3	86.6	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2000	85.6	87.4	87.7	88.0	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1800	86.3	88.3	88.6	88.8	89.1	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1500	88.2	90.3	90.8	91.0	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1200	89.0	91.4	91.9	92.2	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000	89.5	91.8	92.4	92.8	93.7	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	89.9	92.5	93.1	93.8	94.7	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 800	90.1	93.0	93.7	94.3	95.4	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	90.1	93.2	93.9	94.6	95.8	95.9	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	90.1	93.2	94.1	95.2	96.3	96.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	90.2	93.4	94.4	95.6	96.9	97.1	98.3	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2
GE 400	90.2	93.4	94.4	95.6	97.0	97.2	98.4	99.0	99.2	99.2	99.6	99.6	99.6	99.6	99.7	99.7
GE 300	90.2	93.4	94.4	95.6	97.0	97.2	98.4	99.0	99.2	99.2	99.6	99.6	99.6	99.6	99.7	99.7
GE 200	90.2	93.4	94.4	95.6	97.0	97.2	98.4	99.0	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8
GE 100	90.2	93.4	94.4	95.6	97.0	97.2	98.4	99.0	99.2	99.4	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	90.2	93.4	94.4	95.6	97.0	97.2	98.4	99.0	99.2	99.4	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.4	65.5	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0
GE 20000	73.3	73.4	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0
GE 18000	74.0	74.1	74.3	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
GE 16000	74.1	74.2	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
GE 14000	74.7	74.8	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
GE 12000	76.3	76.5	76.7	76.7	76.7	76.7	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0
GE 10000	78.0	78.1	78.3	78.3	78.3	78.3	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
GE 9000	78.7	78.8	79.0	79.0	79.0	79.0	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
GE 8000	81.3	81.5	81.7	81.7	81.7	81.7	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2
GE 7000	82.4	82.6	82.8	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
GE 6000	82.7	82.9	83.1	83.1	83.1	83.1	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5
GE 5000	83.2	83.5	83.9	83.9	83.9	83.9	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 4500	83.7	84.0	84.3	84.3	84.3	84.3	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
GE 4000	84.2	84.5	84.9	84.9	84.9	84.9	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
GE 3500	84.4	84.7	85.2	85.3	85.3	85.3	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	85.2	85.5	85.9	86.0	86.0	86.0	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
GE 2500	86.1	86.6	87.1	87.3	87.5	87.5	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	87.6	88.1	88.9	89.1	89.5	89.6	90.0	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2
GE 1800	87.7	88.6	89.7	89.9	90.3	90.4	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	88.7	89.7	91.0	91.4	91.8	91.9	92.4	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7
GE 1200	89.5	90.5	91.8	92.4	92.9	93.0	93.5	93.5	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	89.7	90.8	92.0	92.6	93.2	93.3	94.0	94.0	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	90.2	91.4	92.7	93.2	93.9	94.0	94.6	94.6	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	90.3	91.7	93.2	93.9	94.8	94.9	95.8	95.9	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	90.4	91.8	93.3	94.1	95.3	95.6	96.5	96.6	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	90.4	91.9	93.4	94.4	95.6	95.9	96.9	97.1	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	90.4	91.9	93.4	94.4	95.7	96.0	97.0	97.5	97.8	97.8	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	90.4	91.9	93.4	94.5	96.0	96.3	97.4	98.2	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	90.6	92.2	93.7	94.8	96.3	96.7	97.7	98.5	98.8	98.9	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	90.6	92.2	93.7	94.8	96.3	96.7	97.7	98.5	98.8	98.9	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	90.6	92.2	93.7	94.8	96.3	96.7	97.7	98.5	98.8	98.9	99.7	99.7	99.8	99.8	99.9	99.9
GE 000	90.6	92.2	93.7	94.8	96.3	96.7	97.7	98.5	98.8	98.9	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.5	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 20000	74.2	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 18000	74.6	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 16000	74.8	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 14000	75.9	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 12000	77.8	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 10000	79.2	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 9000	79.7	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 8000	80.8	81.7	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	81.0	81.9	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 6000	81.1	82.0	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 5000	81.5	82.6	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4500	82.3	83.3	83.7	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4000	83.0	84.2	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	83.4	84.7	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3000	84.4	85.7	86.2	86.5	86.5	86.5	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	85.6	87.0	87.5	87.7	87.7	87.7	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 2000	87.1	88.5	89.2	89.5	89.5	89.5	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	87.3	88.9	89.7	89.9	89.9	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1500	88.0	89.6	90.3	90.6	90.6	90.6	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1200	88.7	90.4	91.3	91.8	91.8	91.9	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	89.2	91.1	92.0	92.7	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 900	89.8	91.6	92.6	93.2	93.2	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 800	90.1	91.9	93.3	94.0	94.1	94.2	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	95.1	95.1
GE 700	90.6	92.5	94.0	94.6	94.9	95.1	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.1	96.1
GE 600	90.6	92.5	94.0	94.6	95.1	95.2	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.3	96.3
GE 500	90.6	92.8	94.4	95.1	95.5	95.6	96.5	96.7	96.7	97.3	97.3	97.3	97.4	97.4	97.5	97.5
GE 400	90.8	92.9	94.5	95.3	95.8	95.9	97.0	97.5	97.5	98.2	98.2	98.2	98.3	98.3	98.4	98.4
GE 300	90.8	93.1	94.7	95.5	96.0	96.2	97.4	98.1	98.1	98.8	98.8	98.8	98.9	98.9	99.0	99.0
GE 200	90.8	93.1	94.7	95.5	96.0	96.2	97.5	98.3	98.3	99.0	99.0	99.0	99.4	99.4	99.6	99.6
GE 100	90.8	93.1	94.7	95.5	96.0	96.2	97.5	98.3	98.3	99.0	99.0	99.0	99.4	99.4	99.6	99.6
GE 000	90.8	93.1	94.7	95.5	96.0	96.2	97.5	98.3	98.3	99.0	99.0	99.0	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.0	63.6	64.0	64.1	64.3	64.3	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.6	64.6
GE 20000	70.7	71.3	71.7	71.9	72.0	72.1	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.4	72.4
GE 18000	71.0	71.6	72.0	72.2	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6
GE 16000	71.0	71.7	72.1	72.2	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7
GE 14000	71.7	72.3	72.7	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3
GE 12000	73.1	73.7	74.2	74.3	74.5	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.9	74.9
GE 10000	75.1	75.7	76.3	76.4	76.6	76.7	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	77.0	77.0
GE 9000	75.6	76.3	76.8	76.9	77.1	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.5
GE 8000	77.3	78.0	78.6	78.8	78.9	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3
GE 7000	77.8	78.6	79.2	79.4	79.5	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.9
GE 6000	78.4	79.2	79.7	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.5	80.5
GE 5000	79.2	80.0	80.6	80.8	81.0	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.4
GE 4500	79.9	80.8	81.4	81.6	81.8	81.9	82.0	82.0	2.0	82.0	82.1	82.1	82.1	82.1	82.2	82.2
GE 4000	80.2	81.2	81.8	82.0	82.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6
GE 3500	80.7	81.7	82.4	82.6	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2
GE 3000	81.4	82.5	83.2	83.4	83.6	83.7	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
GE 2500	82.4	83.5	84.2	84.5	84.8	84.9	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.3	85.3
GE 2000	83.7	84.9	85.7	86.0	86.3	86.5	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.9	86.9
GE 1800	84.2	85.5	86.4	86.7	87.0	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 1500	85.8	87.2	88.2	88.6	89.0	89.2	89.4	89.5	89.5	89.5	89.6	89.6	89.7	89.7	89.7	89.7
GE 1200	86.5	88.2	89.4	89.8	90.3	90.5	90.7	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.1	91.1
GE 1000	87.0	88.8	90.0	90.5	91.1	91.3	91.6	91.8	91.8	91.8	91.9	91.9	92.0	92.0	92.1	92.1
GE 900	87.3	89.2	90.5	91.1	91.7	91.9	92.3	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.8	92.8
GE 800	87.6	89.7	91.1	91.8	92.6	92.8	93.3	93.5	93.6	93.6	93.7	93.7	93.8	93.8	93.9	93.9
GE 700	88.0	90.2	91.7	92.6	93.5	93.7	94.3	94.6	94.6	94.7	94.8	94.8	94.8	94.9	95.0	95.0
GE 600	88.2	90.4	92.1	93.2	94.1	94.4	95.1	95.4	95.4	95.5	95.6	95.6	95.7	95.7	95.8	95.8
GE 500	88.3	90.7	92.6	93.7	94.8	95.1	96.0	96.4	96.5	96.7	96.9	96.9	96.9	97.0	97.1	97.1
GE 400	88.4	90.8	92.8	94.0	95.3	95.7	96.8	97.3	97.4	97.7	98.0	98.0	98.1	98.1	98.3	98.3
GE 300	88.4	90.9	92.9	94.1	95.5	96.0	97.1	97.6	97.8	98.1	98.5	98.5	98.7	98.7	98.9	98.9
GE 200	88.4	90.9	92.9	94.2	95.6	96.0	97.2	97.8	97.9	98.4	98.8	98.8	99.0	99.0	99.3	99.4
GE 100	88.4	90.9	92.9	94.2	95.6	96.0	97.2	97.8	97.9	98.4	98.9	98.9	99.0	99.1	99.4	99.8
GE 000	88.4	90.9	92.9	94.2	95.6	96.0	97.2	97.8	97.9	98.4	98.9	98.9	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.5	62.9	63.6	63.8	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.4	64.7
GE 20000	65.8	66.3	67.0	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.8	68.1
GE 18000	65.8	66.3	67.0	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.8	68.1
GE 16000	66.2	66.7	67.4	67.6	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.4
GE 14000	66.7	67.1	67.8	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.7	68.9
GE 12000	68.4	68.9	69.6	69.8	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.7
GE 10000	68.7	69.1	70.1	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.0	71.3
GE 9000	68.8	69.3	70.2	70.6	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.4
GE 8000	70.7	71.1	72.1	72.4	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0	73.3
GE 7000	70.9	71.4	72.3	72.7	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.3	73.5
GE 6000	71.6	72.1	73.1	73.5	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.3
GE 5000	72.9	73.4	74.4	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.4	75.6
GE 4500	74.1	74.7	75.9	76.2	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.8	77.0
GE 4000	74.9	75.5	76.7	77.0	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.9
GE 3500	77.4	78.0	79.2	79.5	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.3
GE 3000	78.7	79.3	80.4	80.8	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.4	81.6
GE 2500	80.4	81.3	82.6	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.9
GE 2000	82.1	83.0	84.5	84.9	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.7	86.0
GE 1800	82.9	84.1	85.5	86.0	86.3	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.9	87.2
GE 1500	84.6	85.7	87.2	87.9	88.3	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.2	89.4
GE 1200	85.6	86.8	88.2	88.9	89.4	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.2	90.5
GE 1000	86.3	87.6	89.0	89.8	90.2	90.5	90.5	90.7	90.7	90.7	90.7	90.8	90.8	90.9	91.2	91.4
GE 900	86.3	88.0	89.9	90.6	91.2	91.4	91.4	91.6	91.6	91.6	91.6	91.8	91.8	92.0	92.2	92.5
GE 800	86.3	88.2	90.2	90.9	91.6	91.9	91.9	92.1	92.1	92.1	92.1	92.2	92.2	92.5	92.7	92.9
GE 700	86.6	88.6	90.7	91.4	92.1	92.3	92.3	92.6	92.6	92.6	92.6	92.7	92.7	92.9	93.2	93.4
GE 600	86.6	88.7	90.8	91.5	92.3	92.6	92.6	92.8	92.8	92.8	92.8	92.9	92.9	93.2	93.4	93.6
GE 500	86.8	88.9	91.3	92.1	93.3	93.9	93.9	94.1	94.1	94.1	94.1	94.2	94.2	94.5	94.7	94.9
GE 400	86.9	89.0	91.4	92.3	93.6	94.2	94.3	94.8	94.8	95.3	95.3	95.6	95.6	95.9	96.1	96.3
GE 300	86.9	89.0	91.5	92.6	94.1	94.7	95.1	95.6	95.6	96.3	96.3	96.7	97.1	97.4	97.6	98.0
GE 200	86.9	89.0	91.5	92.6	94.1	94.9	95.3	95.9	95.9	96.7	96.7	97.1	97.5	97.9	98.4	99.4
GE 100	86.9	89.0	91.5	92.6	94.1	94.9	95.3	95.9	95.9	96.7	96.7	97.1	97.5	97.9	98.7	99.9
GE 000	86.9	89.0	91.5	92.6	94.1	94.9	95.3	95.9	95.9	96.7	96.7	97.1	97.5	97.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.7	57.5	58.3	59.1	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.7
GE 20000	61.5	62.5	63.5	64.3	64.5	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.8	64.9
GE 18000	61.6	62.7	63.6	64.4	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.9	65.0
GE 16000	61.7	62.8	63.7	64.5	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.0	65.1
GE 14000	62.8	63.8	64.8	65.6	65.8	65.8	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.1	66.2
GE 12000	64.5	65.6	66.5	67.4	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.8	68.0
GE 10000	65.8	66.9	67.8	68.7	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.1	69.3
GE 9000	65.8	66.9	67.8	68.7	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.1	69.3
GE 8000	67.0	68.1	69.0	70.0	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.6
GE 7000	67.3	68.3	69.3	70.2	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.7	70.8
GE 6000	68.6	69.6	70.7	71.6	71.8	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.1	72.2
GE 5000	69.0	70.1	71.3	72.2	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.7	72.8
GE 4500	70.7	71.8	73.0	74.0	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.4	74.6
GE 4000	71.6	72.8	74.0	75.0	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.5	75.6
GE 3500	74.2	75.4	76.6	77.6	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.1	78.2
GE 3000	74.9	76.1	77.3	78.3	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.9
GE 2500	76.2	77.4	78.6	79.6	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.2
GE 2000	78.2	79.7	81.0	82.2	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.9
GE 1800	78.4	80.0	81.3	82.4	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.2	83.3
GE 1500	80.1	82.0	83.3	84.6	84.9	84.9	85.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.3	85.4
GE 1200	81.9	83.9	85.3	86.6	86.9	86.9	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.3	87.4
GE 1000	83.0	85.3	86.7	88.2	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.2
GE 900	83.2	85.4	86.9	88.5	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.6
GE 800	83.9	86.2	87.8	89.3	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.5
GE 700	84.0	86.5	88.3	90.0	91.2	91.2	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.8
GE 600	84.2	86.8	88.9	90.6	92.1	92.2	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.9
GE 500	84.2	86.8	88.9	90.6	92.8	93.1	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.1
GE 400	84.2	86.8	89.0	90.7	93.2	93.5	94.0	94.5	94.5	94.7	94.9	94.9	94.9	94.9	95.1	95.2
GE 300	84.3	86.9	89.3	90.9	93.6	94.1	94.8	95.3	95.3	96.0	96.2	96.2	96.6	96.7	97.1	97.2
GE 200	84.3	86.9	89.3	90.9	93.6	94.1	94.9	95.4	95.4	96.5	96.9	96.9	97.4	97.5	98.0	98.4
GE 100	84.3	86.9	89.3	90.9	93.6	94.1	94.9	95.4	95.4	96.5	96.9	96.9	97.4	97.5	98.4	98.9
GE 000	84.3	86.9	89.3	90.9	93.6	94.1	94.9	95.4	95.4	96.5	96.9	96.9	97.4	97.5	98.4	10.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.3	51.4	52.5	53.9	54.2	54.2	54.4	54.4	54.4	54.5	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	55.8	57.0	58.3	59.7	60.2	60.2	60.4	60.4	60.4	60.5	60.7	60.7	60.7	60.7	60.7	60.7
GE 18000	55.9	57.1	58.4	60.1	60.5	60.5	60.8	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	55.9	57.1	58.4	60.1	60.5	60.5	60.8	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	56.5	57.7	59.0	60.7	61.1	61.1	61.4	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6
GE 12000	58.2	59.4	60.7	62.3	62.8	62.8	63.0	63.0	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3
GE 10000	60.5	61.7	63.0	64.7	65.1	65.1	65.4	65.4	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6
GE 9000	61.1	62.3	63.6	65.3	65.7	65.7	66.0	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2
GE 8000	62.3	63.6	64.9	66.7	67.3	67.3	67.6	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8
GE 7000	62.8	64.1	65.4	67.1	67.7	67.7	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	64.8	66.1	67.4	69.1	69.7	69.7	70.1	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	65.1	66.4	68.0	69.7	70.3	70.3	70.7	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9
GE 4500	66.0	67.3	69.0	70.9	71.6	71.6	72.0	72.0	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2
GE 4000	66.3	67.7	69.5	71.6	72.3	72.3	72.8	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0
GE 3500	66.9	68.3	70.1	72.2	72.9	72.9	73.4	73.4	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6
GE 3000	68.4	69.8	71.6	73.7	74.4	74.4	74.9	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1
GE 2500	69.6	71.1	72.9	75.1	75.9	75.9	76.3	76.3	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6
GE 2000	70.9	72.6	74.3	76.7	77.5	77.6	78.1	78.1	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4
GE 1800	71.6	73.3	75.3	77.6	78.4	78.6	79.2	79.2	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5
GE 1500	73.3	75.1	77.3	79.7	80.7	80.8	81.4	81.4	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 1200	74.7	76.8	79.2	81.6	83.0	83.3	83.9	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3
GE 1000	75.6	77.9	80.3	82.9	84.5	84.7	85.3	85.5	85.5	85.7	85.9	85.9	85.9	85.9	85.9	85.9
GE 900	76.4	79.0	81.9	84.5	86.1	86.3	87.0	87.4	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8
GE 800	76.6	79.2	82.1	85.0	86.8	87.2	87.9	88.2	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6
GE 700	77.3	80.1	83.4	86.5	88.7	89.0	89.8	90.1	90.1	90.3	90.5	90.5	90.5	90.5	90.5	90.5
GE 600	77.3	80.3	83.7	86.8	89.0	89.9	90.6	90.9	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 500	77.3	80.4	83.9	87.2	90.0	91.0	91.9	92.5	92.5	92.8	92.9	92.9	93.1	93.1	93.2	93.2
GE 400	77.4	80.7	84.1	87.5	90.5	91.5	92.7	93.6	93.8	94.2	94.7	94.9	95.2	95.2	95.3	95.3
GE 300	77.4	80.7	84.1	87.5	90.6	91.6	93.1	94.2	94.3	94.8	95.3	95.5	96.3	96.3	96.7	96.7
GE 200	77.5	80.8	84.2	87.6	90.7	91.8	93.2	94.3	94.5	94.9	95.4	95.6	96.7	96.7	97.6	97.9
GE 100	77.5	80.8	84.2	87.6	90.7	91.8	93.2	94.3	94.6	95.1	95.5	95.8	97.1	97.2	98.1	99.4
GE 000	77.5	80.8	84.2	87.6	90.7	91.8	93.2	94.3	94.6	95.1	95.5	95.8	97.1	97.2	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.5	49.4	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.1
GE 20000	55.1	57.2	58.7	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	60.0
GE 18000	55.5	57.6	59.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.3
GE 16000	55.5	57.6	59.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.3
GE 14000	55.7	57.8	59.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.5
GE 12000	57.0	59.1	60.5	61.5	1.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.8
GE 10000	60.2	62.4	63.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.1
GE 9000	60.5	62.8	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.5
GE 8000	62.3	64.5	66.1	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.4
GE 7000	63.0	65.3	66.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.1
GE 6000	63.4	65.6	67.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4
GE 5000	64.1	66.3	67.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.1
GE 4500	64.7	66.9	68.8	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.1
GE 4000	65.6	68.0	69.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	71.3
GE 3500	66.0	68.3	70.2	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.6
GE 3000	66.4	68.0	70.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.3
GE 2500	67.7	70.3	72.2	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	74.2
GE 2000	70.4	73.1	75.1	76.4	76.8	76.8	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.4
GE 1800	71.1	73.9	75.9	77.1	77.5	77.5	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	78.1
GE 1500	73.9	77.0	79.0	80.4	80.8	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.4
GE 1200	75.5	79.0	81.3	82.9	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.9
GE 1000	75.9	79.6	82.1	84.2	84.8	84.9	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.6
GE 900	76.3	80.8	83.5	85.6	87.2	87.3	87.5	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	88.1
GE 800	76.6	81.0	83.7	86.1	88.0	88.1	88.5	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	89.2
GE 700	76.6	81.0	84.1	86.6	88.6	88.7	89.2	89.5	89.5	89.8	89.9	89.9	90.0	90.0	90.0	90.3
GE 600	76.6	81.0	84.1	87.0	89.3	89.4	89.9	90.6	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.4
GE 500	76.7	81.2	84.5	87.4	90.5	91.2	92.0	92.8	92.8	93.1	93.2	93.2	93.3	93.3	93.4	93.8
GE 400	76.7	81.2	84.6	87.5	90.9	92.1	93.4	94.3	94.5	95.1	95.3	95.3	95.4	95.4	95.5	95.9
GE 300	76.7	81.2	84.6	87.5	91.0	92.2	93.8	95.3	95.5	96.3	97.3	97.3	97.6	97.8	98.2	98.6
GE 200	76.7	81.2	84.6	87.5	91.0	92.2	93.8	95.3	95.5	96.3	97.3	97.3	97.6	97.8	98.5	98.9
GE 100	76.7	81.2	84.6	87.5	91.0	92.2	93.8	95.3	95.5	96.3	97.3	97.4	97.8	97.9	98.7	99.6
GE 000	76.7	81.2	84.6	87.5	91.0	92.2	93.8	95.3	95.5	96.3	97.3	97.4	97.8	97.9	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.3	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 20000	62.0	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 18000	62.5	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 16000	62.5	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 14000	63.0	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 12000	64.3	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 10000	66.3	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 9000	66.8	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 8000	68.2	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 7000	68.8	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 6000	68.8	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 5000	69.7	70.7	70.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4500	70.3	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4000	71.3	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 3500	72.0	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 3000	73.6	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 2500	75.0	76.3	76.3	76.4	76.7	76.7	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2000	77.9	79.4	79.5	79.6	80.0	80.0	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1800	78.7	80.2	80.3	80.4	80.9	80.9	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1500	82.3	84.0	84.2	84.3	85.0	85.0	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1200	83.5	85.4	85.7	85.9	87.2	87.2	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	84.3	87.0	87.8	88.0	89.6	89.8	90.2	90.3	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7
GE 900	84.7	87.6	88.6	88.9	90.8	91.0	91.6	91.8	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1
GE 800	85.0	88.1	89.3	89.6	91.9	92.1	93.3	93.4	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8
GE 700	85.3	88.3	89.8	90.5	93.1	93.3	94.5	94.6	94.6	94.8	94.9	94.9	94.9	94.9	95.1	95.1
GE 600	85.3	88.3	89.8	90.8	93.9	94.1	95.4	95.5	95.5	95.8	95.9	95.9	95.9	95.9	96.0	96.0
GE 500	85.3	88.3	89.8	90.9	94.2	94.5	96.1	96.7	96.7	97.1	97.4	97.4	97.4	97.4	97.5	97.5
GE 400	85.3	88.3	89.8	90.9	94.5	95.1	96.9	98.1	98.2	98.6	99.1	99.1	99.1	99.1	99.2	99.2
GE 300	85.3	88.3	89.8	90.9	94.6	95.2	97.1	98.5	98.6	99.2	99.8	99.8	99.8	99.9	100.0	100.0
GE 200	85.3	88.3	89.8	90.9	94.6	95.2	97.1	98.5	98.6	99.2	99.8	99.8	99.8	99.9	100.0	100.0
GE 100	85.3	88.3	89.8	90.9	94.6	95.2	97.1	98.5	98.6	99.2	99.8	99.8	99.8	99.9	100.0	100.0
GE 000	85.3	88.3	89.8	90.9	94.6	95.2	97.1	98.5	98.6	99.2	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.9	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 20000	65.0	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 18000	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	66.4	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 10000	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 9000	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 8000	70.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 7000	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 6000	72.4	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 5000	73.0	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4500	73.6	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4000	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3500	76.2	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3000	78.7	78.9	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 2500	81.2	81.4	81.6	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 2000	84.2	84.9	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1800	85.4	86.1	86.5	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1500	88.1	88.8	89.3	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	88.7	89.6	90.1	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1000	89.0	90.1	90.9	92.0	92.9	92.9	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 900	89.3	90.5	91.3	92.5	93.5	93.5	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 800	89.4	90.6	91.4	92.6	94.0	94.0	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 700	89.4	91.0	91.9	93.3	95.2	95.2	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 600	89.4	91.0	92.0	93.4	95.6	95.6	96.1	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	89.4	91.0	92.0	93.4	95.9	95.9	96.9	97.8	98.0	98.1	98.2	98.4	98.4	98.5	98.5	98.5
GE 400	89.4	91.0	92.0	93.4	96.0	96.0	97.3	98.4	98.6	98.9	99.1	99.2	99.4	99.6	99.8	99.8
GE 300	89.4	91.0	92.0	93.4	96.0	96.0	97.3	98.4	98.6	98.9	99.2	99.3	99.6	99.9	100.0	100.0
GE 200	89.4	91.0	92.0	93.4	96.0	96.0	97.3	98.4	98.6	98.9	99.2	99.3	99.6	99.9	100.0	100.0
GE 100	89.4	91.0	92.0	93.4	96.0	96.0	97.3	98.4	98.6	98.9	99.2	99.3	99.6	99.9	100.0	100.0
GE 000	89.4	91.0	92.0	93.4	96.0	96.0	97.3	98.4	98.6	98.9	99.2	99.3	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.1	57.5	57.7	57.7	57.7	57.7	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 20000	66.5	66.9	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 18000	66.8	67.1	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 16000	67.1	67.5	67.7	67.7	67.7	67.7	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 14000	68.1	68.4	68.8	68.8	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 12000	69.4	69.7	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 10000	71.1	71.5	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 9000	71.3	71.6	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 8000	73.9	74.3	74.7	74.7	74.8	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 7000	74.6	75.0	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 6000	74.9	75.4	75.7	75.7	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 5000	76.0	76.4	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 4500	77.0	77.7	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4000	78.0	78.8	79.4	79.4	79.5	79.5	79.6	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3500	79.2	80.1	80.7	80.7	80.8	80.8	80.9	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3000	80.6	81.5	82.2	82.3	82.4	82.4	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2500	81.6	82.8	83.5	83.7	84.0	84.0	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2000	84.1	85.3	86.1	86.5	86.7	86.7	86.9	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1800	84.9	86.1	86.9	87.4	87.6	87.6	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1500	87.8	89.2	90.0	90.5	90.7	90.7	90.9	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	87.9	89.3	90.8	91.5	91.8	91.8	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	88.3	90.0	91.8	92.7	93.1	93.2	93.4	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 900	88.5	90.2	92.2	93.2	93.6	93.8	94.0	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	88.8	90.8	92.8	94.1	94.6	94.7	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	88.9	91.0	93.1	94.3	95.2	95.4	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	89.0	91.2	93.2	94.5	95.4	95.8	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 500	89.0	91.2	93.2	94.6	95.5	95.9	96.8	97.3	97.4	97.6	97.9	97.9	98.0	98.0	98.0	98.0
GE 400	89.2	91.3	93.3	94.7	95.6	96.0	97.3	97.8	98.1	98.4	98.8	98.8	99.3	99.3	99.3	99.3
GE 300	89.2	91.3	93.3	94.7	95.6	96.0	97.3	97.8	98.1	98.4	98.8	98.8	99.5	99.5	99.6	99.6
GE 200	89.2	91.3	93.3	94.7	95.6	96.0	97.3	97.8	98.1	98.4	98.8	98.8	99.5	99.5	99.8	99.9
GE 100	89.2	91.3	93.3	94.7	95.6	96.0	97.3	97.8	98.1	98.4	98.8	98.8	99.5	99.5	99.9	100.0
GE 000	89.2	91.3	93.3	94.7	95.6	96.0	97.3	97.8	98.1	98.4	98.8	98.8	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.5	62.7	63.0	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 20000	67.1	67.3	67.6	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 18000	67.1	67.3	67.6	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 16000	67.5	67.6	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 14000	68.1	68.2	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	69.7	69.8	70.2	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 10000	71.3	71.5	71.8	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 9000	71.5	71.7	72.1	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 8000	73.7	74.0	74.3	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000	74.8	75.0	75.4	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 6000	75.3	75.5	75.9	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 5000	76.8	77.0	77.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 4500	78.0	78.2	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4000	79.3	79.5	79.9	80.0	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3500	80.7	80.9	81.3	81.4	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3000	81.6	81.9	82.2	82.3	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2500	84.7	85.0	85.4	85.5	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2000	86.6	86.9	87.3	87.5	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	86.3	87.4	87.8	88.0	88.5	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1500	88.1	88.7	89.3	89.9	90.3	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1200	89.0	89.8	90.7	91.3	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1000	89.2	89.9	90.9	91.8	92.3	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 900	89.4	90.1	91.3	92.1	92.8	92.9	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 800	89.6	90.5	91.6	92.6	93.3	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 700	90.0	90.8	92.0	93.1	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 600	90.2	91.0	92.5	93.5	94.2	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 500	90.2	91.3	93.1	94.1	95.2	95.3	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 400	90.2	91.3	93.1	94.1	95.4	95.6	96.3	96.6	96.7	96.8	96.8	96.8	97.2	97.2	97.2	97.2
GE 300	90.2	91.3	93.4	94.6	95.9	96.1	97.1	97.3	97.4	97.9	98.2	98.2	98.8	98.8	98.8	98.8
GE 200	90.2	91.3	93.4	94.6	95.9	96.1	97.1	97.3	97.4	97.9	98.2	98.2	98.9	98.9	99.5	99.9
GE 100	90.2	91.3	93.4	94.6	95.9	96.1	97.1	97.3	97.4	97.9	98.2	98.2	98.9	98.9	99.5	99.9
GE 000	90.2	91.3	93.4	94.6	95.9	96.1	97.1	97.3	97.4	97.9	98.2	98.2	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.4	56.0	56.6	56.9	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.3
GE 20000	62.4	63.1	63.8	64.2	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.6
GE 18000	62.6	63.4	64.0	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.9
GE 16000	62.8	63.5	64.2	64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.1
GE 14000	63.4	64.2	64.8	65.3	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.7
GE 12000	64.9	65.7	66.4	66.8	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.3
GE 10000	66.7	67.5	68.2	68.6	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.1
GE 9000	66.9	67.7	68.4	68.9	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.3
GE 8000	68.6	69.4	70.1	70.6	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.1
GE 7000	69.3	70.1	70.8	71.3	71.5	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.8
GE 6000	70.0	70.8	71.5	72.0	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.5
GE 5000	70.8	71.7	72.4	73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.5
GE 4500	71.8	72.8	73.6	74.2	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.7
GE 4000	72.8	73.8	74.7	75.3	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.9
GE 3500	74.1	75.1	76.0	76.5	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1
GE 3000	75.4	76.4	77.3	77.9	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5
GE 2500	77.1	78.2	79.1	79.8	80.1	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.6
GE 2000	79.3	80.6	81.6	82.4	82.8	82.9	83.0	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.3
GE 1800	80.0	81.4	82.4	83.2	83.6	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1
GE 1500	82.3	83.8	84.9	85.8	86.3	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.9
GE 1200	83.3	85.1	86.4	87.4	88.0	88.1	88.3	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.6
GE 1000	84.0	85.9	87.4	88.7	89.5	89.6	89.9	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.3
GE 900	84.3	86.5	88.2	89.5	90.5	90.7	90.9	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.4
GE 800	84.5	86.8	88.6	90.0	91.3	91.4	91.8	92.0	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.3
GE 700	84.7	87.2	89.1	90.7	92.2	92.4	92.8	93.0	93.0	93.2	93.2	93.2	93.2	93.3	93.3	93.4
GE 600	84.8	87.3	89.4	91.0	92.7	93.0	93.5	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.2
GE 500	84.9	87.4	89.6	91.3	93.4	93.8	94.6	95.1	95.1	95.3	95.4	95.5	95.5	95.6	95.6	95.7
GE 400	84.9	87.5	89.6	91.4	93.7	94.3	95.3	96.0	96.1	96.5	96.7	96.8	97.0	97.1	97.2	97.3
GE 300	84.9	87.5	89.7	91.5	93.9	94.5	95.7	96.5	96.7	97.2	97.6	97.7	98.2	98.3	98.5	98.6
GE 200	84.9	87.5	89.8	91.5	93.9	94.5	95.7	96.6	96.7	97.3	97.8	97.9	98.4	98.5	99.0	99.3
GE 100	84.9	87.5	89.8	91.5	93.9	94.5	95.7	96.6	96.8	97.4	97.8	97.9	98.5	98.6	99.2	99.7
GE 000	84.9	87.5	89.8	91.5	93.9	94.5	95.7	96.6	96.8	97.4	97.8	97.9	98.5	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECOR: AUG 79 - JUL 89
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.6	66.2	66.6	67.3	67.8	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3
GE 20000	70.2	71.0	71.4	72.2	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1
GE 18000	70.9	71.6	72.0	72.8	73.3	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.8	73.8	73.8	73.8
GE 16000	70.9	71.6	72.0	72.8	73.3	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.8	73.8	73.8	73.8
GE 14000	71.1	71.8	72.3	73.0	73.5	73.5	73.5	73.8	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.0
GE 12000	71.3	72.0	72.5	73.2	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2
GE 10000	73.7	74.4	74.9	75.7	76.2	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7
GE 9000	74.3	75.1	75.6	76.3	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.3	77.3	77.3	77.3
GE 8000	74.8	75.6	76.1	76.9	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.8	77.8	77.8	77.8
GE 7000	75.5	76.2	76.8	77.5	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.5
GE 6000	75.8	76.6	77.1	77.8	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8
GE 5000	77.7	78.6	79.2	80.0	80.5	80.5	80.5	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.0
GE 4500	79.7	80.5	81.2	81.9	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.9	82.9	82.9	82.9
GE 4000	80.2	81.1	81.7	82.5	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4
GE 3500	81.7	82.7	83.3	84.1	84.6	84.7	84.7	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.2
GE 3000	83.8	84.7	85.7	86.6	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6
GE 2500	85.6	86.6	87.6	88.5	89.0	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6
GE 2000	88.5	89.5	90.6	91.5	92.0	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6
GE 1800	88.9	89.9	91.1	91.9	92.5	92.6	92.6	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0
GE 1500	90.1	91.2	92.5	93.3	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4
GE 1200	91.2	92.3	93.9	94.7	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8
GE 1000	91.3	92.6	94.2	95.1	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1
GE 900	91.3	92.6	94.2	95.1	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1
GE 800	91.6	93.1	94.8	95.7	96.2	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8
GE 700	91.7	93.3	95.1	95.9	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0
GE 600	91.8	93.4	95.2	96.5	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7
GE 500	92.2	94.2	96.1	97.7	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 400	92.2	94.2	96.1	97.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 300	92.2	94.2	96.1	97.8	98.8	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 200	92.2	94.2	96.1	97.8	98.8	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 100	92.2	94.2	96.1	97.8	98.8	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6	100.0
GE 000	92.2	94.2	96.1	97.8	98.8	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.6	62.0	62.9	63.7	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.3
GE 20000	67.5	69.1	70.0	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.5
GE 18000	67.5	69.1	70.0	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.5
GE 16000	67.5	69.1	70.0	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.5
GE 14000	67.6	69.2	70.1	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.6
GE 12000	67.7	69.4	70.2	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.7
GE 10000	70.4	72.0	72.9	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.5
GE 9000	70.6	72.5	73.3	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.9
GE 8000	72.4	74.2	75.2	76.1	76.5	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.2
GE 7000	73.0	74.8	75.8	76.8	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.8
GE 6000	73.4	75.3	76.2	77.2	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.3
GE 5000	75.5	77.3	78.4	79.4	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.4
GE 4500	76.6	78.4	79.6	80.5	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.6
GE 4000	77.1	78.9	80.1	81.1	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.2
GE 3500	78.1	80.0	81.2	82.2	82.5	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.3
GE 3000	79.9	81.9	83.1	84.1	84.4	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3
GE 2500	81.7	83.8	85.2	86.2	86.6	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.4
GE 2000	84.7	87.1	88.5	89.8	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	91.0
GE 1800	85.1	87.4	88.8	90.1	90.5	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.4
GE 1500	85.9	88.3	89.7	91.0	91.4	91.8	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.5
GE 1200	86.5	88.9	90.3	91.7	92.2	92.6	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.2
GE 1000	86.8	89.5	91.0	92.5	93.0	93.4	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	94.1
GE 900	87.0	89.7	91.2	92.7	93.2	93.7	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.3
GE 800	87.1	89.9	91.4	93.3	93.9	94.3	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.9
GE 700	87.6	90.8	92.3	94.2	94.7	95.2	95.4	95.4	95.4	95.4	95.5	95.5	95.6	95.6	95.6	96.0
GE 600	87.8	91.2	92.8	94.9	95.5	95.9	96.1	96.2	96.2	96.2	96.3	96.3	96.5	96.5	96.5	96.9
GE 500	88.2	91.5	93.1	95.3	95.8	96.2	96.5	96.6	96.6	96.6	96.7	96.7	96.8	96.8	96.8	97.2
GE 400	88.4	91.8	93.5	95.8	96.5	96.9	97.5	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	98.3
GE 300	88.5	91.9	93.7	95.9	96.8	97.2	98.0	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.7
GE 200	88.5	91.9	93.7	95.9	96.8	97.2	98.1	98.2	98.2	98.3	98.6	98.6	98.7	98.7	98.7	99.4
GE 100	88.5	91.9	93.7	95.9	96.8	97.2	98.1	98.2	98.2	98.3	98.6	98.6	98.7	98.7	98.9	99.6
GE 000	88.5	91.9	93.7	95.9	96.8	97.2	98.1	98.2	98.2	98.3	98.6	98.6	98.7	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.4	53.8	55.1	55.6	56.5	56.7	56.7	56.8	56.8	56.8	57.1	57.1	57.1	57.1	57.1	57.4
GE 20000	58.6	60.1	61.6	62.3	63.3	63.5	63.7	64.0	64.1	64.1	64.4	64.4	64.4	64.4	64.5	64.8
GE 18000	58.7	60.2	61.7	62.4	63.4	63.7	63.8	64.1	64.2	64.2	64.5	64.5	64.5	64.5	64.6	64.9
GE 16000	58.7	60.2	61.7	62.4	63.4	63.7	63.8	64.1	64.2	64.2	64.5	64.5	64.5	64.5	64.6	64.9
GE 14000	58.8	60.4	61.9	62.6	63.7	63.9	64.0	64.3	64.4	64.4	64.7	64.7	64.7	64.7	64.8	65.2
GE 12000	59.7	61.3	62.8	63.4	64.5	64.7	65.2	65.5	65.6	65.6	65.9	65.9	65.9	65.9	66.0	66.3
GE 10000	62.7	64.3	65.8	66.5	67.5	67.7	68.2	68.6	68.7	68.7	69.0	69.0	69.0	69.0	69.1	69.5
GE 9000	63.2	64.8	66.5	67.1	68.2	68.4	68.8	69.2	69.4	69.4	69.7	69.7	69.7	69.7	69.8	70.1
GE 8000	64.8	66.5	68.2	68.8	70.1	70.3	70.9	71.6	71.7	71.7	72.0	72.0	72.0	72.0	72.2	72.5
GE 7000	66.0	67.6	69.4	70.0	71.3	71.5	72.0	72.8	72.9	72.9	73.2	73.2	73.2	73.2	73.3	73.7
GE 6000	66.9	68.5	7.2	70.9	72.2	72.4	72.9	73.7	73.8	73.8	74.1	74.1	74.1	74.1	74.2	74.5
GE 5000	68.7	70.3	72.0	72.7	74.0	74.2	74.7	75.5	75.6	75.6	75.9	75.9	75.9	75.9	76.0	76.3
GE 4500	70.1	71.8	73.7	74.3	75.6	75.8	76.3	77.1	77.2	77.2	77.5	77.5	77.5	77.5	77.6	78.0
GE 4000	71.1	72.9	74.7	75.4	76.8	77.0	77.5	78.3	78.4	78.4	78.7	78.7	78.7	78.7	78.8	79.1
GE 3500	71.4	73.2	75.1	75.7	77.1	77.3	77.8	78.6	78.7	78.7	79.0	79.0	79.0	79.0	79.1	79.5
GE 3000	72.9	75.1	76.9	77.6	79.0	79.2	79.8	80.5	80.6	80.6	81.0	81.0	81.0	81.0	81.1	81.4
GE 2500	74.4	76.7	78.6	79.5	81.1	81.3	81.8	82.6	82.7	82.7	83.0	83.0	83.0	83.0	83.1	83.4
GE 2000	76.8	79.2	81.4	82.4	84.1	84.3	84.8	85.6	85.7	85.7	86.0	86.0	86.0	86.0	86.1	86.5
GE 1800	77.3	79.8	81.9	83.0	84.8	85.1	85.6	86.3	86.5	86.5	86.8	86.8	86.8	86.8	86.9	87.2
GE 1500	79.2	81.8	84.2	85.3	87.3	87.5	88.2	88.9	89.0	89.1	89.5	89.5	89.5	89.5	89.6	89.9
GE 1200	79.8	82.6	85.3	86.7	88.7	88.9	89.8	90.5	90.6	90.8	91.1	91.1	91.1	91.1	91.2	91.5
GE 1000	80.0	83.0	85.9	87.5	89.7	89.9	90.8	91.5	91.6	91.7	92.0	92.0	92.0	92.0	92.2	92.5
GE 900	80.1	83.1	86.0	87.6	89.8	90.0	90.9	91.6	91.7	91.8	92.2	92.2	92.2	92.2	92.3	92.6
GE 800	80.3	83.4	86.5	88.2	90.6	90.9	91.8	92.7	92.8	92.9	93.2	93.2	93.2	93.2	93.3	93.7
GE 700	80.4	83.5	86.6	88.4	91.2	91.4	92.4	93.2	93.3	93.4	93.8	93.8	93.8	93.8	93.9	94.2
GE 600	80.4	83.5	86.8	88.7	91.8	92.3	93.2	94.1	94.2	94.3	94.6	94.6	94.6	94.6	94.7	95.1
GE 500	80.5	83.7	86.9	88.9	92.0	92.5	93.8	94.7	94.8	94.9	95.3	95.3	95.3	95.3	95.4	95.7
GE 400	80.5	83.7	86.9	89.0	92.5	93.1	94.6	95.8	95.9	96.0	96.3	96.3	96.3	96.3	96.5	96.8
GE 300	80.5	83.7	86.9	89.0	92.6	93.2	94.9	96.2	96.3	96.7	97.2	97.2	97.2	97.2	97.5	97.3
GE 200	80.5	83.7	86.9	89.0	92.6	93.2	94.9	96.2	96.3	96.8	97.4	97.4	97.6	97.7	98.4	98.7
GE 100	80.5	83.7	86.9	89.0	92.6	93.2	94.9	96.2	96.3	96.8	97.4	97.4	97.7	97.8	98.6	99.8
GE 000	80.5	83.7	86.9	89.0	92.6	93.2	94.9	96.2	96.3	96.8	97.4	97.4	97.7	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.8	54.1	54.3	54.5	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5
GE 20000	62.0	62.5	62.7	62.9	63.5	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0
GE 18000	62.6	63.0	63.2	63.4	64.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
GE 16000	62.6	63.0	63.2	63.4	64.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
GE 14000	63.0	63.4	63.7	64.0	64.6	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1
GE 12000	63.9	64.3	64.5	64.8	65.5	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9
GE 10000	66.8	67.2	67.4	67.8	68.6	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1
GE 9000	67.1	67.7	68.0	68.4	69.1	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7
GE 8000	69.5	70.1	70.3	70.8	71.5	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0
GE 7000	70.4	71.1	71.3	71.7	72.5	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0
GE 6000	71.5	72.2	72.4	72.8	73.7	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
GE 5000	72.8	73.5	73.8	74.2	75.2	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
GE 4500	73.4	74.2	74.4	74.8	75.8	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
GE 4000	74.2	75.1	75.6	76.0	77.1	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6
GE 3500	74.6	75.6	76.1	76.6	77.6	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2
GE 3000	76.7	77.6	78.2	78.6	79.8	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3
GE 2500	77.8	79.4	79.9	80.3	81.7	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
GE 2000	79.4	81.1	81.8	82.3	83.8	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3
GE 1800	79.5	81.2	81.9	82.5	84.1	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
GE 1500	81.6	83.8	84.6	85.2	86.9	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
GE 1200	83.4	85.8	86.7	87.2	89.0	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
GE 1000	84.2	86.7	87.6	88.4	90.3	90.4	90.8	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.3
GE 900	84.7	87.3	88.4	89.1	91.1	91.2	91.5	91.5	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.2
GE 800	85.1	87.8	89.0	89.9	92.3	92.4	92.8	92.8	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.4
GE 700	85.1	88.0	89.2	90.5	93.8	94.0	94.4	94.4	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.1
GE 600	85.2	88.1	89.5	91.1	94.7	95.2	95.9	95.9	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.6
GE 500	85.2	88.2	89.6	91.2	95.3	96.0	97.2	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	98.0
GE 400	85.2	88.2	89.6	91.2	95.4	96.2	97.5	97.7	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.5
GE 300	85.2	88.2	89.6	91.2	95.4	96.2	97.8	98.3	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.2
GE 200	85.2	88.2	89.6	91.2	95.4	96.2	97.8	98.3	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.5
GE 100	85.2	88.2	89.6	91.2	95.4	96.2	97.8	98.3	98.7	99.0	99.2	99.2	99.2	99.2	99.2	100.0
GE 000	85.2	88.2	89.6	91.2	95.4	96.2	97.8	98.3	98.7	99.0	99.2	99.2	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.2	55.6	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 20000	64.1	64.6	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 18000	65.2	65.7	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 16000	65.4	65.9	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 14000	65.9	66.5	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000	66.8	67.3	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 10000	70.6	71.3	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 9000	70.6	71.3	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 8000	71.7	72.4	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 7000	73.1	73.8	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 6000	74.1	74.7	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 5000	75.1	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4500	76.1	76.8	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4000	78.3	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3500	79.4	80.0	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3000	82.9	83.8	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	84.6	85.6	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2000	86.6	87.6	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	87.3	88.4	88.8	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1500	89.1	90.3	90.8	91.0	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1200	90.6	92.2	92.6	92.8	93.0	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1000	91.2	93.0	93.5	93.9	94.2	94.3	94.4	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 900	91.3	93.3	94.0	94.5	94.9	95.1	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	91.4	93.4	94.1	94.6	95.4	95.6	96.1	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	91.6	93.9	94.6	95.4	96.2	96.5	97.0	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 600	91.6	93.9	94.9	95.7	96.6	96.9	97.6	98.0	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 500	91.6	93.9	94.9	95.7	96.7	97.0	98.0	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 400	91.6	93.9	94.9	95.7	97.0	97.3	98.4	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	91.6	93.9	94.9	95.7	97.1	97.4	98.5	99.2	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0
GE 200	91.6	93.9	94.9	95.7	97.1	97.4	98.5	99.2	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0
GE 100	91.6	93.9	94.9	95.7	97.1	97.4	98.5	99.2	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0
GE 000	91.6	93.9	94.9	95.7	97.1	97.4	98.5	99.2	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTIUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.2	55.6	56.0	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 20000	65.1	65.5	65.9	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	66.2	66.7	67.1	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 16000	66.6	67.0	67.4	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 14000	67.2	67.6	68.1	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 12000	68.0	68.4	68.8	69.4	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 10000	70.2	70.6	71.1	71.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 9000	70.6	71.1	71.5	72.0	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 8000	73.1	73.5	74.0	74.5	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000	74.0	74.4	74.8	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 6000	74.2	74.6	75.1	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 5000	75.6	76.1	76.6	77.1	77.2	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4500	76.8	77.3	77.7	78.3	78.4	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4000	78.6	79.1	79.6	80.1	80.2	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3500	81.6	82.2	82.6	83.1	83.2	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 3000	84.7	85.4	85.8	86.3	86.5	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2500	86.2	86.9	87.3	87.8	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	88.6	89.2	89.7	90.2	90.4	90.5	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	89.7	90.3	90.8	91.3	91.5	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1500	91.4	92.2	92.6	93.2	93.4	93.5	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	92.2	93.0	93.5	94.4	94.7	94.8	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1000	92.4	93.4	94.3	95.5	95.9	96.0	96.2	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 900	92.5	93.7	94.5	95.7	96.1	96.2	96.5	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	92.5	93.7	94.5	95.7	96.2	96.3	96.7	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	92.8	94.2	95.1	96.3	96.9	97.0	97.4	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	92.9	94.4	95.5	96.8	97.4	97.5	98.1	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	92.9	94.4	95.5	96.8	97.6	97.7	98.7	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	92.9	94.4	95.5	96.8	97.7	97.8	98.8	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	92.9	94.4	95.5	96.8	97.7	97.8	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.9	94.4	95.5	96.8	97.7	97.8	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.9	94.4	95.5	96.8	97.7	97.8	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.9	94.4	95.5	96.8	97.7	97.8	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.0	57.3	57.6	57.6	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1
GE 20000	68.3	68.9	69.5	69.7	69.8	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2
GE 18000	68.9	69.6	70.1	70.3	70.4	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9
GE 16000	69.1	69.8	70.3	70.5	70.6	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1
GE 14000	69.7	70.3	70.9	71.1	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6
GE 12000	70.1	71.1	71.6	71.8	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4
GE 10000	73.8	74.9	75.5	75.7	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
GE 9000	74.4	75.6	76.1	76.3	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9
GE 8000	76.0	77.4	78.0	78.2	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7
GE 7000	76.9	78.3	78.8	79.0	79.1	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6
GE 6000	77.2	78.6	79.1	79.4	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9
GE 5000	78.9	80.4	81.0	81.4	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
GE 4500	79.7	81.2	81.7	82.2	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7
GE 4000	80.6	82.3	82.8	83.2	83.5	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
GE 3500	83.2	84.8	85.4	85.8	86.1	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7
GE 3000	85.2	86.9	87.4	87.8	88.4	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
GE 2500	86.5	88.2	88.7	89.1	89.7	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
GE 2000	88.6	90.4	91.0	91.4	92.0	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
GE 1800	88.8	90.6	91.2	91.6	92.3	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
GE 1500	89.9	91.8	92.4	92.8	93.4	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
GE 1200	90.9	93.2	93.9	94.3	95.1	95.2	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GE 1000	91.3	93.7	94.4	94.9	95.7	95.9	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 900	91.4	93.8	94.7	95.3	96.0	96.2	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 800	91.4	93.8	94.7	95.3	96.0	96.2	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 700	91.4	94.0	95.1	95.6	96.7	96.9	97.4	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 600	91.5	94.3	95.4	95.9	97.1	97.3	98.0	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 500	91.5	94.3	95.4	95.9	97.1	97.3	98.4	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 400	91.5	94.3	95.4	95.9	97.1	97.3	98.5	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 300	91.5	94.3	95.4	95.9	97.1	97.3	98.5	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	91.5	94.3	95.4	95.9	97.1	97.3	98.5	99.1	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	91.5	94.3	95.4	95.9	97.1	97.3	98.5	99.1	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	91.5	94.3	95.4	95.9	97.1	97.3	98.5	99.1	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.4	64.6	64.8	65.4	65.8	65.8	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 20000	71.5	71.8	72.2	72.8	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 18000	72.5	72.8	73.1	73.8	74.2	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 16000	72.5	72.8	73.1	73.8	74.2	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 14000	72.8	73.1	73.4	74.1	74.5	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 12000	73.7	74.0	74.3	74.9	75.4	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 10000	76.2	76.6	76.9	77.5	78.0	78.0	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 9000	76.7	77.0	77.3	78.0	78.4	78.4	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 8000	77.7	78.2	78.5	79.1	79.6	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 7000	78.9	79.4	79.7	80.3	80.8	80.8	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 6000	79.1	79.6	79.9	80.5	81.0	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 5000	81.8	82.3	82.6	83.2	83.7	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4500	82.8	83.2	83.5	84.2	84.6	84.6	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4000	84.2	84.6	85.1	85.7	86.1	86.1	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	85.8	86.2	86.7	87.3	87.7	87.7	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3000	87.1	87.5	88.0	88.7	89.1	89.1	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	88.6	89.0	89.5	90.2	90.6	90.6	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	90.4	90.9	91.4	92.2	92.7	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1800	90.8	91.2	91.7	92.5	93.0	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1500	92.2	92.7	93.4	94.2	94.7	94.7	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	92.9	93.7	94.5	95.3	96.0	96.0	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	93.4	94.3	95.2	95.9	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	93.8	94.6	95.5	96.2	97.1	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	93.8	94.7	95.8	96.6	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	93.9	94.9	96.0	96.8	97.7	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	93.9	94.9	96.0	96.8	97.8	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	94.1	95.2	96.2	97.0	98.3	98.3	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	94.1	95.2	96.2	97.0	98.4	98.4	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	94.1	95.2	96.2	97.0	98.5	98.5	99.0	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 200	94.1	95.2	96.2	97.0	98.5	98.5	99.0	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	94.1	95.2	96.2	97.0	98.5	98.5	99.0	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.9	100.0
GE 000	94.1	95.2	96.2	97.0	98.5	98.5	99.0	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.0	58.7	59.2	59.6	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.3
GE 20000	65.9	66.7	67.3	67.8	68.2	68.2	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.6
GE 18000	66.6	67.3	67.9	68.4	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.3
GE 16000	66.7	67.4	68.0	68.5	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.4
GE 14000	67.0	67.8	68.4	68.9	69.3	69.4	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.7
GE 12000	67.6	68.5	69.0	69.6	69.9	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.5
GE 10000	70.6	71.4	72.0	72.6	73.0	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.5
GE 9000	71.0	71.9	72.5	73.0	73.4	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	74.0
GE 8000	72.5	73.5	74.1	74.7	75.1	75.2	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7
GE 7000	73.5	74.4	75.1	75.6	76.1	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.7
GE 6000	74.0	75.0	75.6	76.2	76.6	76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.3
GE 5000	75.8	76.8	77.4	78.0	78.5	78.6	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1
GE 4500	76.9	77.9	78.6	79.2	79.7	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.3
GE 4000	78.0	79.1	79.9	80.4	81.0	81.1	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6
GE 3500	79.5	80.6	81.3	81.9	82.4	82.6	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.1
GE 3000	81.6	82.9	83.7	84.3	84.8	85.0	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.5
GE 2500	83.2	84.5	85.3	86.0	86.6	86.7	86.9	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3
GE 2000	85.4	86.9	87.8	88.5	89.2	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.9
GE 1800	85.9	87.4	88.3	89.0	89.7	89.9	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.4
GE 1500	87.4	89.0	90.0	90.7	91.5	91.7	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.4
GE 1200	88.4	90.2	91.3	92.1	93.0	93.1	93.4	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.9
GE 1000	88.8	90.8	92.0	93.0	93.9	94.1	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9
GE 900	89.0	91.0	92.3	93.3	94.2	94.4	94.7	94.9	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.3
GE 800	89.1	91.2	92.6	93.7	94.8	94.9	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9
GE 700	89.3	91.6	93.0	94.1	95.5	95.6	96.1	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.7
GE 600	89.4	91.7	93.3	94.5	96.0	96.3	96.8	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.5
GE 500	89.5	91.9	93.5	94.8	96.4	96.7	97.5	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.4
GE 400	89.5	91.9	93.5	94.9	96.7	97.0	97.9	98.4	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.9
GE 300	89.6	92.0	93.5	94.9	96.7	97.1	98.1	98.6	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.3
GE 200	89.6	92.0	93.5	94.9	96.7	97.1	98.1	98.7	98.8	99.1	99.2	99.2	99.4	99.4	99.5	99.6
GE 100	89.6	92.0	93.5	94.9	96.7	97.1	98.1	98.7	98.8	99.1	99.2	99.2	99.4	99.4	99.5	99.9
GE 000	89.6	92.0	93.5	94.9	96.7	97.1	98.1	98.7	98.8	99.1	99.2	99.2	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 80
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.9	70.6	71.0	71.0	71.2	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 20000	78.3	79.0	79.6	79.6	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 18000	78.3	79.0	79.6	79.6	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 16000	78.3	79.0	79.6	79.6	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 14000	78.3	79.0	79.6	79.6	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 12000	79.6	80.2	80.8	80.8	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 10000	81.4	82.2	82.8	82.8	83.0	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 9000	82.0	82.8	83.3	83.3	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 8000	83.4	84.2	84.8	84.8	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 7000	84.3	85.1	85.7	85.7	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 6000	85.3	86.2	86.8	86.8	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 5000	86.7	87.6	88.1	88.1	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4500	87.4	88.8	89.3	89.3	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4000	88.7	90.1	90.7	90.7	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3500	89.4	90.9	91.7	91.7	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3000	90.6	92.0	92.8	92.8	93.2	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	91.2	92.9	93.7	93.7	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2000	91.9	93.6	94.3	94.3	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	92.1	93.8	94.6	94.6	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	92.8	94.7	95.4	95.4	96.0	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1200	93.6	95.6	96.4	96.4	97.0	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	94.2	96.2	97.1	97.1	97.8	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	94.4	96.4	97.3	97.4	98.1	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	94.7	96.7	97.6	97.7	98.3	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	94.7	96.7	97.6	97.7	98.3	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	94.8	96.8	97.8	97.9	98.6	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	94.9	96.9	97.9	98.0	98.7	98.8	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	94.9	96.9	98.1	98.2	98.9	99.0	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	94.9	96.9	98.1	98.2	98.9	99.0	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	94.9	96.9	98.1	98.2	98.9	99.0	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.9	96.9	98.1	98.2	98.9	99.0	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.9	96.9	98.1	98.2	98.9	99.0	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.0	68.9	69.1	69.1	69.3	69.3	69.3	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6
GE 20000	75.6	76.7	76.9	76.9	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
GE 18000	75.6	76.7	76.9	76.9	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
GE 16000	75.6	76.7	76.9	76.9	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
GE 14000	75.8	76.9	77.1	77.1	77.3	77.4	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7
GE 12000	76.7	77.8	78.0	78.0	78.2	78.3	78.3	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6
GE 10000	77.9	79.1	79.3	79.3	79.6	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
GE 9000	78.3	79.6	79.8	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3
GE 8000	79.7	80.9	81.1	81.1	81.3	81.4	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 7000	80.6	81.8	82.0	82.0	82.2	82.3	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6
GE 6000	81.8	83.1	83.3	83.3	83.6	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
GE 5000	83.6	85.0	85.2	85.2	85.4	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
GE 4500	85.1	86.6	86.8	86.8	87.0	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
GE 4000	86.4	87.9	88.1	88.1	88.3	88.4	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8
GE 3500	87.2	88.7	88.9	88.9	89.1	89.2	89.3	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6
GE 3000	88.7	90.2	90.4	90.4	90.7	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	89.2	90.8	91.0	91.0	91.2	91.3	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 2000	90.7	92.2	92.4	92.6	92.8	92.9	93.0	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800	91.0	92.6	92.9	93.0	93.2	93.3	93.4	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 1500	92.0	93.6	93.9	94.0	94.2	94.3	94.4	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 1200	93.0	94.6	94.9	95.0	95.2	95.3	95.4	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	93.8	95.3	95.7	95.8	96.0	96.1	96.2	96.3	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	93.8	95.3	95.7	95.8	96.0	96.1	96.2	96.3	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	93.9	95.4	95.9	96.0	96.2	96.3	96.4	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	94.2	95.8	96.2	96.4	96.7	96.8	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	94.2	95.8	96.2	96.4	96.9	97.0	97.1	97.2	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	94.3	95.9	96.3	96.7	97.2	97.6	97.8	97.9	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	94.3	96.1	96.8	97.2	97.8	98.1	98.3	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	94.3	96.1	96.8	97.3	98.0	98.3	98.8	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	94.3	96.1	96.8	97.3	98.0	98.3	98.9	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.7	99.7
GE 100	94.3	96.1	96.8	97.3	98.0	98.3	98.9	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.8	99.8
GE 000	94.3	96.1	96.8	97.3	98.0	98.3	98.9	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.6	59.8	60.8	61.0	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0
GE 20000	64.7	66.1	67.2	67.6	68.4	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
GE 18000	64.7	66.1	67.2	67.6	68.4	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
GE 16000	64.7	66.1	67.2	67.6	68.4	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
GE 14000	64.7	66.1	67.2	67.6	68.4	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
GE 12000	66.6	68.0	69.1	69.6	70.4	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9
GE 10000	70.2	71.7	72.8	73.4	74.4	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
GE 9000	70.6	72.0	73.1	73.8	74.8	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2
GE 8000	73.2	74.8	75.9	76.6	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1
GE 7000	74.3	75.9	77.0	77.7	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
GE 6000	75.0	76.7	77.8	78.6	79.8	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
GE 5000	76.3	78.0	79.1	79.9	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.6
GE 4500	77.2	78.9	80.0	80.8	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
GE 4000	78.9	80.7	81.9	82.7	83.9	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3
GE 3500	80.0	81.8	83.0	83.8	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4
GE 3000	82.7	84.4	85.7	86.6	87.8	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
GE 2500	83.3	85.1	86.4	87.4	88.7	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3
GE 2000	85.4	87.3	88.8	89.8	91.0	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7
GE 1800	86.0	87.9	89.4	90.4	91.7	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
GE 1500	86.3	88.2	90.1	91.1	92.4	92.7	92.9	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.4
GE 1200	87.0	89.0	90.9	92.2	93.8	94.0	94.2	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.8
GE 1000	87.1	89.3	91.4	92.9	94.7	94.9	95.1	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.7
GE 900	87.2	89.6	91.7	93.1	95.0	95.3	95.6	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.2
GE 800	87.3	89.7	92.0	93.7	95.7	96.0	96.2	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.9
GE 700	87.3	89.7	92.1	93.8	96.0	96.3	96.6	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.2
GE 600	87.3	89.8	92.6	94.2	96.7	97.0	97.3	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	98.0
GE 500	87.3	89.8	92.6	94.2	96.9	97.3	97.9	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.6
GE 400	87.3	89.8	92.7	94.3	97.0	97.7	98.4	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE 300	87.3	89.8	92.7	94.3	97.0	97.7	98.4	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE 200	87.3	89.8	92.7	94.3	97.0	97.7	98.4	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.7
GE 100	87.3	89.8	92.7	94.3	97.0	97.7	98.4	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.8
GE 000	87.3	89.8	92.7	94.3	97.0	97.7	98.4	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.3	61.6	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 20000	69.4	69.7	70.0	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 18000	69.9	70.1	70.4	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 16000	70.0	70.2	70.6	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 14000	70.4	70.7	71.0	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 12000	72.3	72.6	72.9	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 10000	75.0	75.2	75.6	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 9000	75.7	75.9	76.2	76.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 8000	78.2	78.4	78.8	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 7000	79.4	79.7	80.0	80.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 6000	80.2	80.4	80.8	81.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 5000	81.4	81.7	82.0	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4500	82.0	82.6	82.9	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	82.6	83.1	83.4	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3500	83.7	84.4	84.8	85.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3000	85.8	86.7	87.1	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	88.8	89.7	90.1	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2000	89.9	90.8	91.2	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1800	89.9	90.8	91.3	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1500	91.0	91.9	92.4	93.0	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	92.0	93.0	93.6	94.1	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	92.4	93.6	94.2	95.0	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	92.7	93.9	94.6	95.3	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	92.9	94.1	94.8	95.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	93.0	94.2	95.0	95.8	96.9	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	93.0	94.3	95.1	96.1	97.3	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	93.1	94.6	95.3	96.3	97.8	98.0	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	93.3	94.8	95.6	96.6	98.3	98.7	99.1	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	93.3	94.8	95.6	96.6	98.3	98.7	99.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.3	94.8	95.6	96.6	98.3	98.7	99.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.3	94.8	95.6	96.6	98.3	98.7	99.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.3	94.8	95.6	96.6	98.3	98.7	99.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.7	62.8	62.9	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 20000	74.1	74.2	74.3	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 18000	74.1	74.2	74.3	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 16000	74.1	74.2	74.3	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 14000	74.2	74.3	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 12000	75.9	76.0	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 10000	78.6	78.7	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 9000	79.2	79.3	79.4	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 8000	80.7	80.8	80.9	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 7000	81.9	82.0	82.1	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 6000	82.7	82.9	83.0	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 5000	84.4	84.7	84.8	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2
GE 4500	84.8	85.2	85.3	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9
GE 4000	86.2	86.7	86.8	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3
GE 3500	88.7	89.1	89.2	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8
GE 3000	91.1	91.6	91.7	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2
GE 2500	92.9	93.3	93.4	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1
GE 2000	93.6	94.0	94.1	94.2	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8
GE 1800	93.7	94.1	94.3	94.4	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1
GE 1500	94.8	95.2	95.6	95.7	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4
GE 1200	95.4	96.0	96.3	96.6	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3
GE 1000	95.6	96.3	96.7	96.9	97.6	97.6	97.7	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0
GE 900	95.7	96.7	97.1	97.3	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
GE 800	95.9	96.9	97.3	97.6	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
GE 700	95.9	97.2	97.7	97.9	98.7	98.7	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
GE 600	95.9	97.2	97.7	97.9	98.7	98.7	98.9	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3
GE 500	95.9	97.2	97.7	97.9	98.9	98.9	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8
GE 400	95.9	97.2	97.7	97.9	98.9	98.9	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8
GE 300	95.9	97.2	97.7	97.9	98.9	98.9	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9
GE 200	95.9	97.2	97.7	97.9	98.9	98.9	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9
GE 100	95.9	97.2	97.7	97.9	98.9	98.9	99.2	99.4	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0
GE 000	95.9	97.2	97.7	97.9	98.9	98.9	99.2	99.4	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.9	62.2	62.3	62.4	62.8	62.8	62.9	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2
GE 20000	73.2	73.6	73.8	73.9	74.2	74.2	74.3	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
GE 18000	73.4	73.8	74.0	74.1	74.4	74.4	74.6	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
GE 16000	73.8	74.1	74.3	74.4	74.8	74.8	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2
GE 14000	74.3	74.7	74.9	75.0	75.3	75.3	75.4	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
GE 12000	76.0	76.3	76.6	76.7	77.0	77.0	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
GE 10000	78.8	79.1	79.3	79.4	79.8	79.8	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
GE 9000	79.3	79.7	79.9	80.0	80.3	80.3	80.4	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
GE 8000	81.1	81.4	81.7	81.8	82.1	82.1	82.2	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6
GE 7000	82.4	82.8	83.0	83.1	83.4	83.4	83.6	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
GE 6000	83.0	83.3	83.6	83.7	84.0	84.0	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 5000	84.3	84.7	85.0	85.1	85.6	85.6	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 4500	84.7	85.0	85.3	85.4	85.9	85.9	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
GE 4000	87.6	88.0	88.4	88.6	89.0	89.1	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 3500	90.7	91.1	91.6	91.7	92.1	92.2	92.4	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 3000	93.1	93.6	94.0	94.1	94.6	94.7	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 2500	94.1	94.6	95.0	95.1	95.7	95.8	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	95.2	96.0	96.4	96.6	97.1	97.2	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	95.4	96.3	96.8	96.9	97.4	97.6	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	96.1	97.0	97.4	97.6	98.1	98.2	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	96.8	97.7	98.1	98.2	98.8	98.9	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	96.8	97.7	98.1	98.2	98.8	98.9	99.2	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 900	96.9	97.9	98.3	98.4	99.0	99.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	96.9	97.9	98.3	98.4	99.0	99.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	96.9	97.9	98.3	98.4	99.0	99.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	96.9	97.9	98.3	98.4	99.0	99.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	96.9	97.9	98.3	98.4	99.0	99.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	96.9	97.9	98.3	98.4	99.0	99.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	96.9	97.9	98.3	98.4	99.0	99.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	96.9	97.9	98.3	98.4	99.0	99.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	96.9	97.9	98.3	98.4	99.0	99.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	96.9	97.9	98.3	98.4	99.0	99.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.2	64.4	64.8	65.0	65.6	65.8	65.9	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 20000	76.8	77.0	77.3	77.6	78.1	78.3	78.4	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 18000	76.9	77.1	77.4	77.7	78.2	78.4	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 16000	77.2	77.4	77.8	78.0	78.6	78.8	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 14000	78.2	78.4	78.8	79.0	79.6	79.8	79.9	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 12000	80.3	80.6	80.9	81.1	81.7	81.9	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 10000	82.9	83.1	83.4	83.7	84.2	84.4	84.6	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 9000	83.9	84.1	84.4	84.7	85.2	85.4	85.6	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 8000	85.7	85.9	86.2	86.4	87.0	87.2	87.3	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 7000	86.1	86.3	86.7	86.9	87.4	87.7	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 6000	87.2	87.4	87.8	88.0	88.6	88.8	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 5000	87.8	88.0	88.4	88.9	89.4	89.7	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4500	88.4	88.7	89.1	89.6	90.1	90.3	90.4	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 4000	90.3	90.6	91.0	91.6	92.1	92.3	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3500	92.1	92.3	92.8	93.3	93.9	94.1	94.2	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000	93.1	93.3	93.8	94.3	94.9	95.1	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	94.6	94.8	95.2	95.8	96.3	96.6	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	94.9	95.3	95.9	96.6	97.1	97.3	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	95.0	95.4	96.0	96.7	97.2	97.4	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	95.2	95.7	96.2	96.9	97.4	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	95.6	96.0	96.6	97.2	97.8	98.0	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	96.4	96.9	97.6	98.2	98.8	99.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	96.7	97.1	97.8	98.4	99.0	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	96.8	97.2	97.9	98.6	99.1	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	96.8	97.2	97.9	98.6	99.1	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.8	97.2	97.9	98.6	99.1	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.8	97.2	97.9	98.6	99.1	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.8	97.2	97.9	98.6	99.1	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.8	97.2	97.9	98.6	99.1	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.8	97.2	97.9	98.6	99.1	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.8	97.2	97.9	98.6	99.1	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.8	97.2	97.9	98.6	99.1	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	72.1	72.4	72.8	72.9	72.9	73.1	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 20000	80.7	81.1	81.4	81.7	81.7	81.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 18000	80.7	81.1	81.4	81.7	81.7	81.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 16000	80.7	81.1	81.4	81.7	81.7	81.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 14000	81.2	81.7	82.0	82.2	82.2	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 12000	82.1	82.6	82.9	83.1	83.1	83.3	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 10000	85.1	85.7	86.0	86.2	86.2	86.4	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 9000	86.0	86.6	86.9	87.1	87.1	87.3	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 8000	87.2	87.8	88.1	88.3	88.3	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 7000	87.6	88.1	88.4	88.7	88.7	88.9	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 6000	88.1	88.7	89.0	89.3	89.3	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 5000	88.8	89.3	89.7	90.0	90.0	90.2	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 4500	89.6	90.1	90.6	90.9	90.9	91.1	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4000	91.4	92.0	92.4	92.8	92.8	93.0	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 3500	92.1	92.7	93.1	93.4	93.4	93.7	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	93.0	93.7	94.2	94.6	94.6	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	93.7	94.3	94.9	95.2	95.2	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	94.8	95.4	96.0	96.3	96.3	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	94.9	95.6	96.1	96.4	96.4	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	95.2	96.0	96.7	97.0	97.0	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	96.0	96.9	97.6	97.9	97.9	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	96.4	97.4	98.1	98.4	98.4	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	96.7	97.7	98.3	98.7	98.8	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	96.8	97.8	98.4	98.8	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	96.9	97.9	98.6	98.9	99.0	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	97.0	98.0	98.7	99.0	99.1	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	97.0	98.0	98.7	99.0	99.1	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.0	98.0	98.7	99.0	99.1	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	97.0	98.0	98.7	99.0	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.0	98.0	98.7	99.0	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.0	98.0	98.7	99.0	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.0	98.0	98.7	99.0	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.8	65.3	65.7	65.8	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 20000	74.1	74.7	75.1	75.2	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 18000	74.2	74.8	75.2	75.3	75.7	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 16000	74.3	74.9	75.3	75.4	75.8	75.9	76.0	6.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 14000	74.7	75.2	75.6	75.8	76.1	76.2	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 12000	76.2	76.8	77.2	77.3	77.7	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 10000	78.7	79.3	79.8	79.9	80.3	80.4	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 9000	79.4	80.0	80.4	80.6	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 8000	81.2	81.8	82.2	82.4	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2
GE 7000	82.1	82.7	83.1	83.3	83.7	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1
GE 6000	82.9	83.6	84.0	84.2	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 5000	84.2	84.9	85.3	85.6	86.0	86.1	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
GE 4500	84.9	85.7	86.2	86.4	86.9	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000	86.5	87.4	87.8	88.1	88.6	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3500	88.0	88.9	89.4	89.7	90.1	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3000	89.8	90.7	91.2	91.5	92.0	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2500	91.0	91.9	92.5	92.8	93.3	93.4	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8
GE 2000	92.0	93.1	93.7	94.0	94.5	94.6	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800	92.3	93.3	93.9	94.3	94.8	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	92.9	94.0	94.7	95.1	95.6	95.8	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	93.7	94.8	95.5	96.0	96.5	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	94.1	95.3	96.1	96.6	97.2	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
GE 900	94.3	95.6	96.3	96.8	97.5	97.7	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	94.4	95.7	96.5	97.0	97.8	97.9	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	94.5	95.8	96.7	97.2	98.0	98.1	98.3	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	94.5	95.9	96.8	97.3	98.2	98.3	98.6	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 500	94.5	95.9	96.8	97.4	98.3	98.5	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	94.6	96.0	97.0	97.5	98.5	98.8	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	94.6	96.0	97.0	97.5	98.6	98.8	99.2	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8
GE 200	94.6	96.0	97.0	97.5	98.6	98.8	99.3	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	94.6	96.0	97.0	97.5	98.6	98.8	99.3	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 000	94.6	96.0	97.0	97.5	98.6	98.8	99.3	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.7	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 20000	74.1	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 18000	74.4	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 16000	74.4	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 14000	74.8	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 12000	75.7	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 10000	79.0	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 9000	79.0	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 8000	80.3	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 7000	80.5	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 6000	80.5	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000	81.9	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4500	82.9	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4000	86.1	87.3	87.7	87.7	87.7	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3500	87.6	88.9	89.4	89.5	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3000	90.6	91.9	92.4	92.7	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2500	91.0	92.3	92.7	93.2	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2000	91.6	92.9	93.3	93.9	94.2	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	91.7	93.0	93.4	94.0	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500	92.9	94.2	94.6	95.2	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	92.9	94.3	94.7	95.3	95.7	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	93.4	94.8	95.3	95.9	96.3	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	93.9	95.4	95.8	96.5	96.9	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	94.2	95.7	96.1	96.8	97.3	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	94.6	96.1	96.6	97.3	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	94.7	96.2	96.7	97.5	98.1	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	94.8	96.5	96.9	97.8	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	94.8	96.5	96.9	97.8	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	94.8	96.5	96.9	97.8	98.7	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	94.8	96.5	96.9	97.8	98.7	99.0	99.2	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.8	96.5	96.9	97.8	98.7	99.0	99.2	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.8	96.5	96.9	97.8	98.7	99.0	99.2	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.9	58.3	59.0	59.2	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8
GE 20000	65.6	67.0	68.0	68.2	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8	68.8
GE 18000	65.7	67.1	68.1	68.3	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.9	68.9	68.9	68.9
GE 16000	65.7	67.1	68.1	68.3	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.9	68.9	68.9	68.9
GE 14000	66.1	67.5	68.5	68.7	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.4	69.4	69.4	69.4
GE 12000	67.6	69.0	70.0	70.2	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.9	70.9	70.9	70.9
GE 10000	72.0	73.4	74.4	74.6	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3
GE 9000	72.4	73.8	74.7	74.9	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.6
GE 8000	73.7	75.1	76.0	76.2	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1
GE 7000	74.2	75.6	76.6	76.8	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6
GE 6000	74.7	76.1	77.1	77.3	77.6	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.2	78.2	78.2	78.2
GE 5000	75.5	77.0	78.0	78.2	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.0
GE 4500	76.7	78.2	79.1	79.4	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.2	80.2	80.2	80.2
GE 4000	79.6	81.2	82.3	82.5	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4
GE 3500	80.9	82.6	83.7	83.9	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8
GE 3000	84.1	85.8	86.9	87.1	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.2
GE 2500	85.1	86.8	87.8	88.1	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1
GE 2000	86.1	87.8	88.9	89.2	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4
GE 1800	86.8	88.5	89.6	89.9	90.4	90.4	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1
GE 1500	88.1	90.0	91.2	91.5	92.0	92.0	92.5	92.5	92.5	92.6	92.6	92.6	92.8	92.8	92.8	92.8
GE 1200	89.1	91.1	92.3	92.6	93.1	93.1	93.5	93.5	93.5	93.7	93.7	93.7	93.9	93.9	93.9	93.9
GE 1000	90.6	92.7	93.9	94.3	94.9	94.9	95.5	95.5	95.5	95.6	95.6	95.6	95.8	95.8	95.8	95.8
GE 900	91.2	93.2	94.4	94.8	95.6	95.6	96.1	96.1	96.1	96.2	96.2	96.2	96.5	96.5	96.5	96.5
GE 800	91.4	93.4	94.6	95.1	96.0	96.0	96.6	96.6	96.6	96.7	96.7	96.7	96.9	96.9	96.9	96.9
GE 700	91.9	94.0	95.2	95.6	96.6	96.6	97.1	97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4
GE 600	92.2	94.2	95.6	96.0	97.0	97.0	97.5	97.5	97.5	97.6	97.6	97.6	97.8	97.8	97.8	97.8
GE 500	92.2	94.2	95.6	96.3	97.5	97.5	98.1	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4
GE 400	92.2	94.2	95.6	96.3	97.6	97.6	98.3	98.3	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 300	92.2	94.2	95.6	96.3	97.7	97.7	98.6	98.6	98.6	98.9	99.0	99.0	99.2	99.2	99.2	99.2
GE 200	92.2	94.2	95.6	96.3	97.8	97.8	98.7	98.8	98.8	99.2	99.6	99.6	99.8	99.8	99.9	99.9
GE 100	92.2	94.2	95.6	96.3	97.8	97.8	98.7	98.8	98.8	99.2	99.6	99.6	99.8	99.8	100.0	100.0
GE 000	92.2	94.2	95.6	96.3	97.8	97.8	98.7	98.8	98.8	99.2	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.2	48.5	50.8	50.9	51.1	51.1	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5
GE 20000	55.7	58.4	60.8	61.0	61.2	61.3	61.6	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9
GE 18000	55.8	58.5	60.9	61.1	61.3	61.4	61.7	61.8	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0
GE 16000	55.9	58.6	61.0	61.2	61.4	61.5	61.8	61.9	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2
GE 14000	56.8	59.5	61.8	62.2	62.4	62.5	62.8	62.9	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1
GE 12000	57.4	60.2	63.0	63.3	63.5	63.7	64.0	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3
GE 10000	61.9	64.7	67.6	68.0	68.2	68.4	68.7	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2
GE 9000	62.0	64.8	67.7	68.1	68.3	68.5	68.8	69.1	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4
GE 8000	64.3	67.2	70.1	70.4	70.8	71.0	71.3	71.6	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9
GE 7000	65.3	68.2	71.1	71.4	71.7	71.9	72.3	72.6	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9
GE 6000	66.0	68.9	71.8	72.2	72.5	72.7	73.0	73.3	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7
GE 5000	67.5	70.4	73.4	73.8	74.1	74.3	74.7	75.1	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4
GE 4500	68.8	71.7	74.7	75.1	75.4	75.6	76.0	76.3	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7
GE 4000	71.0	74.2	77.4	77.7	78.1	78.3	78.7	79.0	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4
GE 3500	73.1	76.3	79.7	80.0	80.3	80.5	81.0	81.3	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	74.9	78.3	81.7	82.2	82.6	82.8	83.2	83.5	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9
GE 2500	75.5	78.9	82.5	82.9	83.4	83.7	84.4	84.7	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000	76.3	80.0	83.7	84.1	84.6	84.9	85.8	86.3	86.3	86.7	86.8	86.8	86.8	86.8	86.8	86.8
GE 1800	76.9	80.5	84.2	84.6	85.2	85.5	86.5	87.0	87.0	87.4	87.5	87.5	87.5	87.5	87.5	87.5
GE 1500	78.0	81.6	85.4	85.8	86.5	86.8	87.7	88.3	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8
GE 1200	79.1	83.0	87.3	87.8	88.5	88.8	89.8	90.3	90.3	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	80.1	84.4	88.8	89.7	90.4	91.0	91.9	92.5	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0
GE 900	80.9	85.2	89.7	90.9	91.8	92.5	93.5	94.2	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	81.4	85.7	90.4	91.6	92.9	93.7	94.7	95.4	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 700	81.7	86.0	90.9	92.2	93.8	94.7	95.8	96.5	96.5	97.0	97.1	97.1	97.1	97.1	97.2	97.2
GE 600	81.7	86.2	91.1	92.4	94.0	94.9	96.0	96.7	96.7	97.2	97.3	97.3	97.3	97.3	97.4	97.4
GE 500	81.7	86.2	91.2	92.6	94.5	95.5	96.7	97.3	97.3	97.8	98.1	98.1	98.1	98.1	98.2	98.2
GE 400	81.7	86.2	91.2	92.6	94.5	95.5	96.7	97.5	97.5	98.2	98.4	98.4	98.4	98.4	98.5	98.5
GE 300	81.7	86.2	91.2	92.6	94.5	95.5	96.9	98.2	98.2	98.9	99.1	99.1	99.2	99.4	99.5	99.5
GE 200	81.7	86.2	91.2	92.6	94.5	95.5	97.0	98.3	98.3	99.0	99.2	99.2	99.6	99.7	99.8	99.8
GE 100	81.7	86.2	91.2	92.6	94.5	95.5	97.0	98.3	98.3	99.0	99.2	99.2	99.6	99.7	99.8	100.0
GE 000	81.7	86.2	91.2	92.6	94.5	95.5	97.0	98.3	98.3	99.0	99.2	99.2	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.8	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 20000	61.3	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 18000	61.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 16000	61.8	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 14000	62.8	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 12000	65.2	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 10000	68.7	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 9000	69.5	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 8000	73.4	74.3	74.6	74.6	74.6	4.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 7000	74.1	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 6000	75.1	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 5000	76.5	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4500	76.9	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4000	79.0	80.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 3500	80.4	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3000	82.6	84.0	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500	83.0	84.4	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2000	86.1	87.6	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1800	86.7	88.2	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1500	88.3	90.0	91.2	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200	89.5	91.4	92.7	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000	90.8	92.8	94.3	95.2	95.8	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	91.0	93.0	94.6	95.8	96.6	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 800	91.3	93.5	95.4	96.7	97.5	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	91.5	93.8	95.7	97.1	98.0	98.5	98.5	98.6	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	91.6	93.9	95.8	97.2	98.2	98.7	98.8	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	91.6	93.9	95.8	97.2	98.2	98.9	99.1	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	91.6	93.9	95.8	97.2	98.2	99.0	99.2	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	91.6	93.9	95.8	97.2	98.2	99.0	99.2	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	91.6	93.9	95.8	97.2	98.2	99.0	99.2	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	91.6	93.9	95.8	97.2	98.2	99.0	99.2	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	91.6	93.9	95.8	97.2	98.2	99.0	99.2	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.8	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 20000	67.1	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 18000	67.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 16000	67.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 14000	67.8	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 12000	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 10000	70.8	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 9000	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 8000	73.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 7000	73.4	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 6000	74.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 5000	75.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4500	77.3	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4000	81.1	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	83.7	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 3000	89.0	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2500	90.3	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	92.2	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1800	92.6	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1500	94.7	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	96.0	97.5	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	96.0	97.5	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	96.1	97.6	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	96.2	97.7	98.5	98.6	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	96.2	97.7	98.5	98.6	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	96.2	97.7	98.5	98.6	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	96.2	97.7	98.5	98.6	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.2	97.7	98.5	98.6	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	96.2	97.7	98.5	98.6	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	96.2	97.7	98.5	98.6	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	96.2	97.7	98.5	98.6	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	96.2	97.7	98.5	98.6	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.2	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 20000	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 18000	70.5	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 16000	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 14000	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 12000	73.3	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 10000	75.7	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 9000	76.3	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 8000	78.3	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 7000	78.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 6000	78.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 5000	81.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	82.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	86.7	87.6	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3500	89.8	90.8	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3000	93.5	94.5	95.1	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2500	94.8	95.9	96.8	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	95.7	96.9	97.7	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	95.7	96.9	97.7	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	96.6	97.7	98.6	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	96.7	97.8	98.8	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	96.8	98.0	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 900	97.0	98.2	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 800	97.0	98.2	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 700	97.0	98.2	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 600	97.0	98.2	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 500	97.0	98.2	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 400	97.0	98.2	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	97.0	98.2	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	97.0	98.2	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	97.0	98.2	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	97.0	98.2	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.0	56.7	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 20000	71.4	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 18000	72.0	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 16000	72.0	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 14000	72.9	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 12000	74.5	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 10000	77.4	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 9000	78.0	79.1	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 8000	81.1	82.4	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 7000	81.6	82.9	83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 6000	82.7	84.0	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 5000	84.4	85.7	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4500	85.4	86.7	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4000	87.7	89.2	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3500	90.8	92.3	92.5	92.8	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3000	93.3	94.8	95.2	95.5	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	93.9	95.4	95.7	96.0	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	94.6	96.1	96.6	97.0	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	94.6	96.1	96.6	97.0	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	95.5	97.0	97.4	97.8	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	95.7	97.2	97.7	98.2	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	95.8	97.3	97.8	98.3	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	95.8	97.4	98.0	98.4	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	95.8	97.4	98.0	98.4	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	95.8	97.4	98.0	98.4	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	95.8	97.4	98.1	98.5	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	95.8	97.4	98.1	98.5	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	95.8	97.4	98.1	98.5	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	95.8	97.4	98.1	98.5	99.4	99.5	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.8	97.4	98.1	98.5	99.4	99.5	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.8	97.4	98.1	98.5	99.4	99.5	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.8	97.4	98.1	98.5	99.4	99.5	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.3	60.4	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 20000	72.7	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 18000	73.0	73.3	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 16000	73.0	73.3	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 14000	73.7	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 12000	75.2	75.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 10000	77.7	78.1	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 9000	77.8	78.4	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 8000	80.2	81.1	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 7000	80.5	81.4	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 6000	81.7	82.6	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 5000	83.1	84.0	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	84.9	85.8	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	87.8	88.8	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3500	89.5	90.4	91.5	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3000	92.3	93.5	94.6	95.2	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	92.4	93.7	94.7	95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	93.3	94.6	95.7	96.3	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	93.3	94.6	95.7	96.3	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	93.7	94.9	96.0	96.8	97.1	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	93.7	94.9	96.0	96.9	97.2	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	94.1	95.4	96.5	97.3	97.6	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	94.3	95.6	96.7	97.5	97.8	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	94.6	95.9	97.0	97.8	98.2	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	95.1	96.3	97.4	98.3	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	95.1	96.3	97.4	98.3	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	95.4	96.7	97.7	98.6	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	95.4	96.7	97.7	98.6	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	95.4	96.7	97.7	98.6	99.0	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	95.4	96.7	97.7	98.6	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	95.4	96.7	97.7	98.6	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	95.4	96.7	97.7	98.6	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.3	57.2	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9
GE 20000	67.2	68.2	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1
GE 18000	67.6	68.7	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5
GE 16000	67.7	68.7	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6
GE 14000	68.2	69.3	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2
GE 12000	69.8	70.9	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 10000	72.9	74.0	74.7	74.8	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 9000	73.2	74.4	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5
GE 8000	75.5	76.8	77.5	77.6	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0
GE 7000	76.0	77.3	78.0	78.1	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5
GE 6000	76.8	78.1	78.7	78.9	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	78.2	79.5	80.2	80.4	80.5	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4500	79.4	80.7	81.5	81.6	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4000	82.4	83.8	84.7	84.8	85.0	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
GE 3500	84.5	86.0	86.9	87.1	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3000	87.6	89.1	90.1	90.4	90.6	90.7	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
GE 2500	88.2	89.8	90.9	91.3	91.5	91.6	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	89.5	91.2	92.3	92.6	92.9	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800	89.8	91.5	92.6	92.9	93.3	93.3	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1500	91.0	92.7	93.9	94.2	94.6	94.7	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1200	91.6	93.4	94.7	95.2	95.6	95.6	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	92.2	94.1	95.5	96.0	96.5	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 900	92.5	94.4	95.8	96.5	97.0	97.2	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	92.7	94.7	96.1	96.8	97.5	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 700	93.0	94.9	96.4	97.1	97.9	98.1	98.4	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 600	93.0	95.0	96.5	97.2	98.0	98.3	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	93.1	95.1	96.6	97.4	98.2	98.5	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.3
GE 400	93.1	95.1	96.6	97.4	98.3	98.6	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4
GE 300	93.1	95.1	96.6	97.4	98.3	98.7	99.1	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	93.1	95.1	96.6	97.4	98.3	98.7	99.1	99.3	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0
GE 100	93.1	95.1	96.6	97.4	98.3	98.7	99.1	99.3	99.4	99.6	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	93.1	95.1	96.6	97.4	98.3	98.7	99.1	99.3	99.4	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 00-2

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 20000	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 18000	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 16000	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 14000	78.4	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 12000	79.8	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 10000	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 9000	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 8000	85.2	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 7000	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 6000	86.8	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 5000	87.8	87.8	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 4500	88.2	88.2	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4000	90.6	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 3500	92.3	92.7	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3000	94.0	94.3	94.6	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	94.6	94.9	95.1	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	94.9	95.3	95.6	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	94.9	95.3	95.6	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	95.2	95.7	95.9	96.3	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3
GE 1200	95.6	96.0	96.2	96.7	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
GE 1000	95.9	96.3	96.6	97.0	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0
GE 900	96.0	96.4	96.7	97.1	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
GE 800	96.1	96.6	96.8	97.2	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3
GE 700	96.3	96.8	97.0	97.4	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.6	98.6
GE 600	96.9	97.4	97.7	98.1	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.3	99.3
GE 500	97.2	97.8	98.0	98.4	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.7	99.7
GE 400	97.4	98.0	98.2	98.7	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9
GE 300	97.4	98.0	98.2	98.7	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9
GE 200	97.4	98.0	98.2	98.7	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9
GE 100	97.4	98.0	98.2	98.7	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0
GE 000	97.4	98.0	98.2	98.7	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.7	62.6	63.4	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 20000	71.6	72.4	73.3	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 18000	71.6	72.4	73.3	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 16000	71.6	72.4	73.3	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 14000	72.6	73.4	74.3	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 12000	74.1	75.0	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 10000	78.2	79.1	80.1	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 9000	78.7	79.6	80.6	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 8000	80.9	81.8	82.8	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 7000	82.2	83.1	84.1	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 6000	82.8	83.7	84.7	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 5000	83.4	84.3	85.3	85.4	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	84.7	85.6	86.6	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	88.1	89.2	90.3	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	90.3	91.6	92.9	93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 3000	92.6	93.8	95.1	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	93.4	94.7	96.0	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	93.9	95.1	96.6	97.2	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	93.9	95.1	96.6	97.2	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	94.3	95.6	97.0	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	94.8	96.0	97.4	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	94.9	96.1	97.6	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	95.0	96.2	97.7	98.4	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	95.2	96.4	97.9	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	95.2	96.4	97.9	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	95.4	96.7	98.2	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	95.4	96.7	98.3	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	95.6	96.8	98.4	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	95.6	96.8	98.4	99.3	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.6	96.8	98.4	99.3	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.6	96.8	98.4	99.3	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.6	96.8	98.4	99.3	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.1	53.3	54.2	54.7	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 20000	64.0	66.7	67.9	68.3	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 18000	64.2	66.9	68.1	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 16000	64.2	66.9	68.1	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 14000	65.0	67.7	68.9	69.3	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 12000	67.6	70.3	71.6	72.0	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 10000	72.0	75.1	76.6	77.0	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 8000	72.6	75.7	77.1	77.6	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 9000	75.2	78.3	79.8	80.3	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	76.4	79.6	81.0	81.6	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 6000	76.6	79.7	81.1	81.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 5000	78.7	81.9	83.3	83.9	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4500	79.0	82.2	83.8	84.3	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4000	81.3	84.6	86.4	87.0	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3500	82.8	86.0	88.0	88.6	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3000	85.0	88.2	90.2	90.8	91.3	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 2500	85.8	89.1	91.1	91.7	92.3	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	87.1	90.4	92.4	93.0	93.8	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 1800	87.3	90.7	92.7	93.2	94.0	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 1500	88.8	92.1	94.1	94.7	95.4	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	89.0	92.3	94.3	94.9	95.8	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	89.9	93.3	95.3	95.9	96.8	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	90.1	93.6	95.6	96.1	97.0	97.2	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	90.2	93.7	95.7	96.2	97.1	97.3	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	90.4	93.9	95.9	96.4	97.3	97.6	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	91.0	94.4	96.4	97.0	98.0	98.2	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	91.2	94.7	96.7	97.3	98.4	98.7	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	91.4	94.9	96.9	97.6	98.7	99.0	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	91.4	94.9	96.9	97.6	98.7	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	91.4	94.9	96.9	97.6	98.7	99.0	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	91.4	94.9	96.9	97.6	98.7	99.0	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	91.4	94.9	96.9	97.6	98.7	99.0	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.8	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 20000	69.9	70.2	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 18000	70.0	70.3	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 16000	70.0	70.3	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 14000	70.8	71.1	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000	72.8	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 10000	76.8	77.3	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 9000	77.0	77.6	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 8000	79.4	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	80.7	81.2	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 6000	81.0	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 5000	82.3	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4500	83.0	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4000	84.9	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3500	86.8	87.6	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3000	89.3	90.1	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	91.3	92.1	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2000	92.9	93.7	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	93.3	94.1	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	95.0	95.8	96.2	96.4	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	96.2	97.0	97.4	97.7	97.9	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	96.7	97.4	97.9	98.2	98.4	98.4	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	97.0	97.8	98.3	98.7	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	97.0	97.8	98.4	98.8	99.0	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	97.0	97.8	98.4	98.8	99.0	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	97.0	97.8	98.4	98.8	99.0	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	97.1	97.9	98.6	98.9	99.2	99.2	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	97.1	97.9	98.6	98.9	99.2	99.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.1	97.9	98.6	98.9	99.2	99.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.1	97.9	98.6	98.9	99.2	99.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.1	97.9	98.6	98.9	99.2	99.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.1	97.9	98.6	98.9	99.2	99.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.8	57.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 20000	68.3	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 18000	68.6	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 16000	68.7	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 14000	69.6	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 12000	71.7	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 10000	75.8	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 9000	76.1	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 8000	77.4	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 7000	78.0	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 6000	78.0	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 5000	80.1	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4500	82.7	83.2	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	86.1	87.0	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3500	89.8	90.7	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	94.7	95.9	96.4	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	95.7	96.9	97.4	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	96.3	97.6	98.3	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	96.4	97.7	98.4	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	96.7	97.9	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	96.9	98.1	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	97.1	98.3	99.1	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	97.2	98.4	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	97.2	98.4	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	97.2	98.4	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	97.2	98.4	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	97.3	98.6	99.3	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.3	98.6	99.3	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.3	98.6	99.3	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.3	98.6	99.3	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.3	98.6	99.3	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.3	98.6	99.3	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.1	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 20000	73.1	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 18000	73.4	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 16000	73.4	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 14000	74.8	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 12000	76.3	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 10000	79.3	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 9000	79.3	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 8000	80.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 7000	81.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 6000	82.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 5000	84.8	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4500	87.2	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4000	91.4	92.6	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3500	93.7	94.8	95.3	95.7	95.7	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3000	96.4	97.6	98.1	98.4	98.4	98.4	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500	97.0	98.1	98.7	99.0	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2000	97.0	98.1	98.7	99.0	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	97.0	98.1	98.7	99.0	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	97.2	98.3	98.9	99.2	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	97.2	98.3	99.0	99.3	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	97.4	98.6	99.3	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.4	98.6	99.3	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.4	98.6	99.3	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.4	98.6	99.3	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.4	98.6	99.3	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.4	98.6	99.3	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.4	98.6	99.3	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.4	98.6	99.3	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.4	98.6	99.3	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.4	98.6	99.3	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.4	98.6	99.3	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 20000	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 18000	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 16000	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 14000	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 12000	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 10000	86.2	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 9000	86.6	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 8000	88.3	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 7000	88.7	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 6000	88.7	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 5000	90.6	91.0	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4500	92.4	92.9	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4000	95.7	96.1	96.2	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3500	96.4	96.9	97.0	97.0	97.6	97.7	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 3000	97.1	97.6	97.7	97.7	98.3	98.4	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500	97.7	98.2	98.3	98.3	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2000	97.7	98.2	98.3	98.3	99.1	99.2	99.2	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 1800	97.7	98.2	98.3	98.3	99.1	99.2	99.2	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 1500	97.7	98.2	98.3	98.3	99.1	99.2	99.2	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 1200	98.0	98.6	98.7	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 1000	98.0	98.6	98.7	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 900	98.0	98.6	98.7	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	98.0	98.6	98.7	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	98.0	98.6	98.7	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	98.0	98.6	98.7	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	98.0	98.6	98.7	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	98.0	98.6	98.7	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	98.0	98.6	98.7	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	98.0	98.6	98.7	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	98.0	98.6	98.7	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	98.0	98.6	98.7	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 20000	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 18000	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 16000	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 14000	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 12000	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 10000	87.3	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 9000	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 8000	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 7000	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 6000	90.3	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 5000	91.7	91.8	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 4500	92.3	92.4	92.4	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 4000	93.6	93.7	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3500	94.4	94.7	94.9	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3000	96.3	96.6	97.2	97.3	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	96.7	96.9	97.6	97.7	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	97.1	97.3	98.0	98.1	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	97.1	97.3	98.0	98.1	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	97.2	97.6	98.2	98.3	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	97.3	97.7	98.3	98.4	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	97.3	97.7	98.3	98.4	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	97.4	97.8	98.4	98.6	99.1	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	97.8	98.1	98.8	98.9	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	97.8	98.1	98.8	98.9	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	97.9	98.2	98.9	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.9	98.2	98.9	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.9	98.2	98.9	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.9	98.2	98.9	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.9	98.2	98.9	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.9	98.2	98.9	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.9	98.2	98.9	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.3	60.9	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 20000	73.4	74.1	74.4	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 18000	73.6	74.3	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 16000	73.6	74.3	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 14000	74.4	75.1	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 12000	76.3	77.0	77.3	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 10000	79.8	80.6	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 9000	80.1	80.9	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 8000	82.1	82.9	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 7000	83.0	83.8	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 6000	83.3	84.1	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 5000	84.9	85.8	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4500	86.2	87.0	87.5	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 4000	89.0	89.9	90.5	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	90.8	91.8	92.5	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	93.2	94.3	95.0	95.2	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2500	94.0	95.1	95.8	96.1	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	94.6	95.7	96.5	96.8	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	94.7	95.8	96.6	96.9	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	95.3	96.4	97.2	97.5	97.9	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	95.6	96.8	97.5	97.8	98.3	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	95.9	97.0	97.8	98.2	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	96.0	97.2	98.0	98.3	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 800	96.1	97.3	98.1	98.4	98.9	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	96.2	97.3	98.2	98.5	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 600	96.4	97.5	98.4	98.7	99.2	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	96.5	97.6	98.5	98.8	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	96.5	97.7	98.5	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	96.5	97.7	98.5	98.9	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	96.5	97.7	98.5	98.9	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	96.5	97.7	98.5	98.9	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	96.5	97.7	98.5	98.9	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	79.1	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 20000	86.2	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 18000	86.6	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 16000	86.6	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 14000	87.2	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 12000	89.2	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 10000	91.2	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 9000	91.5	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 8000	92.2	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 7000	92.7	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 6000	92.9	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 5000	93.9	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 4500	94.5	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4000	95.7	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3500	95.9	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3000	96.8	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	96.9	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	97.1	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	97.2	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	97.4	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	97.6	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	98.3	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	98.4	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	98.4	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	98.5	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.5	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.5	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.5	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	75.7	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 20000	82.4	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 18000	82.8	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 16000	82.8	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 14000	83.2	84.5	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 12000	84.3	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 10000	86.2	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 9000	86.7	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 8000	87.8	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 7000	88.0	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 6000	88.2	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 5000	89.2	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4500	90.9	92.5	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 4000	92.9	94.5	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3500	93.3	95.1	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3000	93.7	95.4	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	93.7	95.4	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	94.0	95.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	94.2	95.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	94.5	96.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	95.1	96.8	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	95.9	97.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	95.9	97.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	95.9	97.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	95.9	97.6	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	96.1	97.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	96.3	98.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	96.7	98.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.7	98.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.7	98.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.7	98.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.7	98.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.2	70.5	72.3	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
GE 20000	76.5	78.8	80.6	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 18000	76.7	79.0	80.9	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
GE 16000	76.7	79.0	80.9	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
GE 14000	77.6	80.2	82.0	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 12000	79.1	81.7	83.5	83.9	84.	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
GE 10000	82.9	85.6	87.6	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 9000	83.2	85.9	88.1	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
GE 8000	84.7	87.5	89.7	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 7000	85.3	88.1	90.2	90.5	90.6	90.6	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 6000	86.1	88.9	91.1	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 5000	87.7	90.5	92.7	93.0	93.3	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 4500	88.7	91.5	93.7	94.0	94.3	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 4000	89.7	92.5	94.7	95.2	95.5	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 3500	89.7	92.5	94.7	95.2	95.5	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 3000	90.2	93.1	95.4	95.9	96.5	96.5	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 2500	90.6	93.5	95.8	96.3	96.9	96.9	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	91.2	94.1	96.3	96.9	97.4	97.4	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	91.2	94.1	96.3	96.9	97.4	97.4	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	91.3	94.2	96.5	97.0	97.5	97.5	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	91.5	94.4	96.7	97.2	97.7	97.7	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	91.8	94.7	97.0	97.5	98.1	98.1	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	91.9	94.8	97.1	97.6	98.2	98.4	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	91.9	94.8	97.2	97.7	98.3	98.5	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	91.9	94.9	97.3	97.8	98.5	98.7	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	91.9	94.9	97.3	97.8	98.6	98.8	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	92.2	95.2	97.7	98.3	99.1	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	92.2	95.2	97.8	98.4	99.2	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.2	95.2	97.8	98.4	99.2	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.2	95.2	97.8	98.4	99.2	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.2	95.2	97.8	98.4	99.2	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.2	95.2	97.8	98.4	99.2	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.7	72.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 20000	78.4	79.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 18000	78.9	79.9	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 16000	79.1	80.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 14000	80.1	81.1	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 12000	81.9	83.0	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 10000	85.5	86.6	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 9000	86.1	87.4	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 8000	88.6	89.9	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 7000	89.1	90.4	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 6000	89.6	90.9	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 5000	90.3	91.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4500	91.2	92.6	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4000	92.3	93.7	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3500	92.8	94.2	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 3000	93.1	94.7	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	93.7	95.3	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	94.1	95.7	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	94.2	95.8	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	94.3	95.9	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	95.1	96.8	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	95.2	97.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	95.2	97.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	95.2	97.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	95.2	97.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	95.3	97.3	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	95.5	97.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.5	97.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.5	97.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.5	97.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.5	97.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.5	97.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	73.3	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 20000	80.9	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 18000	81.3	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 16000	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 14000	82.7	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 12000	85.2	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 10000	88.1	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 9000	88.8	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 8000	91.1	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 7000	91.3	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 6000	91.6	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 5000	93.0	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 4500	93.9	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4000	95.5	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3500	95.9	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3000	96.9	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500	97.5	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	97.6	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	97.8	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	98.1	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	98.2	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	98.5	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	98.5	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	98.5	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.5	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	98.6	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.6	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.6	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.6	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.6	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.6	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.6	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 20000	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 18000	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 16000	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 14000	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 12000	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 10000	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 9000	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 8000	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 7000	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 6000	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 5000	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4500	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 4000	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3500	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3000	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2500	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 20000	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 18000	90.2	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 16000	90.3	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 14000	91.6	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 12000	93.1	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 10000	94.4	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 9000	94.8	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 8000	95.9	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 7000	95.9	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 6000	96.2	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 5000	96.7	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 4500	96.8	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 4000	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3500	98.4	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 3000	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 20000	89.9	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 18000	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 16000	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 14000	90.9	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 12000	92.1	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 10000	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 9000	94.6	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 8000	95.7	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 7000	95.9	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 6000	96.3	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 5000	96.7	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 4500	97.0	97.7	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 4000	97.6	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 3500	98.0	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3000	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECOR: AUG 79 - JUL 89
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	76.5	77.2	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 20000	83.9	84.8	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 18000	84.2	85.1	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 16000	84.3	85.2	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 14000	85.3	86.2	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 12000	87.0	87.9	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 10000	89.4	90.4	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 9000	89.9	91.1	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 8000	91.4	92.5	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 7000	91.7	92.8	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6
GE 6000	92.1	93.2	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 5000	93.0	94.2	94.8	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 4500	93.7	94.9	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 4000	95.0	96.2	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3500	95.3	96.5	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3000	95.9	97.2	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	96.2	97.4	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2000	96.4	97.6	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	96.5	97.7	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	96.6	97.8	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	96.8	98.1	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	97.1	98.4	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	97.1	98.4	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	97.1	98.4	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	97.1	98.4	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	97.2	98.5	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	97.3	98.6	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.3	98.6	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.3	98.7	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.3	98.7	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.3	98.7	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.3	98.7	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7434

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 JUL 89
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 20000	85.2	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 18000	85.2	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 16000	85.2	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 14000	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 12000	87.5	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 10000	90.6	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 9000	91.1	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 8000	92.6	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 7000	93.3	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 6000	94.3	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 5000	96.2	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 4500	96.6	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4000	97.4	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3500	98.1	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 3000	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2500	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	98.7	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	99.1	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.1	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.1	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.1	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.1	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.1	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.1	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.1	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HORLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	76.6	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 20000	82.9	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 18000	82.9	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 16000	82.9	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 14000	83.7	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 12000	85.7	86.1	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 10000	89.1	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 9000	89.4	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 8000	90.1	90.5	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 7000	91.2	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 6000	92.5	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 5000	93.5	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 4500	94.5	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4000	96.1	96.6	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3500	96.8	97.3	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3000	97.2	97.7	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500	97.2	97.7	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	97.2	97.7	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	97.3	97.8	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	97.3	98.0	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	97.5	98.3	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	97.5	98.3	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	97.8	98.6	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	98.0	98.7	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	98.0	98.7	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	98.0	98.7	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	98.0	98.7	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	98.0	98.7	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	98.0	98.7	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	98.0	98.7	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	98.0	98.7	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	98.0	98.7	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.8	68.8	70.3	70.6	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 20000	73.8	75.8	77.3	77.6	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 18000	73.8	75.8	77.3	77.6	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 16000	73.9	75.9	77.4	77.7	78.3	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 14000	75.5	77.5	79.0	79.4	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 12000	78.3	80.5	82.0	82.4	82.9	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 10000	83.4	85.9	87.4	87.7	88.4	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 9000	83.9	86.3	87.8	88.2	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 8000	86.1	88.8	90.3	90.6	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 7000	86.7	89.4	90.9	91.2	91.9	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 6000	87.8	90.5	92.0	92.4	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 5000	88.2	90.9	92.4	92.7	93.5	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 4500	89.0	91.7	93.2	93.5	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 4000	90.0	92.8	94.3	94.7	95.7	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 3500	90.5	93.3	94.8	95.3	96.2	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3000	91.4	94.3	95.9	96.5	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	91.4	94.3	95.9	96.5	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	91.5	94.4	96.0	96.6	97.6	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	91.5	94.4	96.0	96.6	97.6	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	91.8	94.7	96.3	96.9	98.0	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	91.8	95.1	96.7	97.2	98.3	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	91.8	95.1	96.7	97.2	98.3	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	92.2	95.4	97.0	97.5	98.6	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	92.3	95.5	97.1	97.8	98.9	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	92.3	95.5	97.1	97.8	98.9	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	92.4	95.6	97.2	98.0	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	92.4	95.6	97.3	98.1	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	92.4	95.6	97.3	98.1	99.1	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
GE 300	92.4	95.6	97.3	98.1	99.1	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
GE 200	92.4	95.6	97.3	98.1	99.1	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
GE 100	92.4	95.6	97.3	98.1	99.1	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0
GE 000	92.4	95.6	97.3	98.1	99.1	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	73.3	75.6	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 20000	79.2	81.6	82.2	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 18000	79.2	81.6	82.2	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 16000	79.4	81.7	82.3	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 14000	80.5	82.9	83.4	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 12000	82.8	85.2	85.7	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 10000	84.8	87.2	87.7	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 9000	85.2	87.5	88.1	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 8000	87.7	90.1	90.6	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 7000	88.3	90.6	91.2	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 6000	88.8	91.2	91.7	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 5000	90.2	92.6	93.1	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 4500	91.0	93.3	93.9	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 4000	92.2	94.6	95.2	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 3500	92.7	95.2	95.8	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000	93.7	96.1	96.8	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	93.7	96.2	96.9	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	93.9	96.5	97.3	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	93.9	96.5	97.3	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	94.2	96.8	97.6	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	94.2	96.8	97.7	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	94.4	97.0	98.0	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	94.5	97.1	98.1	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	94.6	97.4	98.4	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	94.6	97.4	98.4	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	94.7	97.5	98.5	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	94.7	97.5	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.7	97.5	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.7	97.5	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.7	97.5	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.7	97.5	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.7	97.5	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	77.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 20000	82.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 18000	83.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 16000	83.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 14000	84.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 12000	86.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 10000	89.4	90.3	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 9000	89.4	90.3	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 8000	91.7	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 7000	92.5	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 6000	92.9	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 5000	93.9	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 4500	94.7	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 4000	95.6	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3500	96.0	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 3000	96.8	97.8	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2500	96.9	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	96.9	98.2	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	97.0	98.3	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	97.3	98.6	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	97.3	98.6	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	97.3	98.6	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	97.3	98.6	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	97.3	98.7	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	97.3	98.7	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.3	98.7	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.3	98.7	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.3	98.7	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.3	98.7	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.3	98.7	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.3	98.7	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.3	98.7	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 20000	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 18000	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 16000	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 14000	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 12000	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 10000	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 9000	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 8000	91.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 7000	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 6000	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 5000	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 4500	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4000	96.7	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3500	97.4	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3000	98.2	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2500	98.2	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	98.3	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	98.5	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	98.5	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	98.5	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	98.5	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	98.5	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	98.5	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.5	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.5	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.5	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.5	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.5	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.5	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.5	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.5	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 18:20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 20000	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 18000	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 16000	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 14000	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 12000	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 10000	90.0	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 9000	90.4	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 8000	91.7	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 7000	92.2	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 6000	93.1	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 5000	94.6	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 4500	95.6	95.9	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4000	97.2	97.5	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 3500	98.0	98.5	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 3000	98.3	98.8	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2500	98.3	98.8	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	98.3	98.8	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	98.5	99.0	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	98.6	99.1	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	98.6	99.1	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	98.6	99.1	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.6	99.1	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.6	99.1	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.6	99.1	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.6	99.1	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.6	99.1	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.6	99.1	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.6	99.1	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.6	99.1	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.6	99.1	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.6	99.1	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 20000	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 18000	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 16000	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 14000	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 12000	88.0	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 10000	91.2	91.6	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 9000	91.4	91.8	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 8000	92.7	93.2	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 7000	93.0	93.5	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 6000	93.7	94.2	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 5000	94.8	95.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 4500	95.7	96.2	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4000	97.2	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3500	97.6	98.5	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3000	98.1	98.9	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2500	98.1	98.9	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	98.4	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	98.4	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	98.4	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	98.4	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	98.4	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	98.4	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	98.4	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	98.5	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.5	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.5	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.5	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.5	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.5	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.5	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.5	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.4	75.1	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 20000	82.4	83.3	83.6	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 18000	82.5	83.3	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 16000	82.5	83.4	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 14000	83.3	84.2	84.5	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 12000	85.2	86.1	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 10000	88.6	89.6	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 9000	88.9	89.9	90.3	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 8000	90.6	91.6	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 7000	91.2	92.2	92.6	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 6000	92.1	93.1	93.5	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 5000	93.2	94.2	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 4500	94.0	95.0	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4000	95.3	96.4	97.0	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3500	95.9	97.1	97.6	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3000	96.5	97.7	98.3	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2500	96.5	97.8	98.3	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	96.6	97.8	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	96.7	97.9	98.6	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	96.9	98.1	98.7	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	96.9	98.2	98.8	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	96.9	98.3	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	97.0	98.3	99.0	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	97.1	98.4	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	97.1	98.5	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	97.1	98.5	99.1	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	97.1	98.5	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.1	98.5	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	97.1	98.5	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	97.1	98.5	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	97.1	98.5	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	97.1	98.5	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 20000	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 18000	82.2	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 16000	82.3	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 14000	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 12000	84.3	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 10000	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 9000	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 8000	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 7000	87.8	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 6000	88.6	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 5000	89.8	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4500	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4000	91.8	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3500	92.6	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3000	92.8	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	93.2	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2000	93.8	94.6	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	93.9	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	94.4	95.2	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1200	94.8	95.6	96.1	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	95.6	96.3	96.9	97.0	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	96.2	97.0	97.6	97.7	97.8	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	96.7	97.4	98.0	98.1	98.2	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	96.8	97.6	98.3	98.4	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	96.8	97.6	98.4	98.6	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	97.2	98.0	98.9	99.0	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.3	98.1	99.0	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.3	98.1	99.0	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.3	98.1	99.0	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.3	98.1	99.0	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.3	98.1	99.0	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 03 05

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 20000	75.2	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 18000	75.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 16000	75.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 14000	75.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 12000	78.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 10000	81.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 9000	82.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 8000	84.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 7000	84.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 6000	85.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 5000	86.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4500	86.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4000	88.4	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3500	89.6	91.0	91.4	91.4	91.4	91.4	1.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3000	89.9	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2500	90.2	92.0	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2000	90.7	92.6	93.3	93.3	93.3	93.4	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1800	91.0	92.9	93.7	93.7	93.7	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	92.1	94.1	94.9	95.0	95.0	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	92.7	94.7	95.4	95.6	95.6	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1000	93.4	95.4	96.2	96.3	96.4	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	93.8	95.8	96.6	96.7	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	93.9	95.9	96.7	96.8	96.9	97.0	97.0	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	94.1	96.1	96.9	97.0	97.1	97.2	97.2	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	94.2	96.2	97.0	97.1	97.2	97.7	97.9	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	94.4	96.4	97.3	97.4	97.6	98.0	98.2	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	94.4	96.7	97.7	97.8	97.9	98.3	98.6	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	94.6	96.9	97.9	98.1	98.2	98.7	98.9	99.0	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	94.8	97.1	98.1	98.3	98.4	98.9	99.1	99.2	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	94.8	97.1	98.1	98.3	98.4	98.9	99.1	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	94.8	97.1	98.1	98.3	98.4	98.9	99.1	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.7	65.4	66.4	66.6	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 20000	68.9	70.7	71.7	71.8	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 18000	69.0	70.8	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 16000	69.4	71.2	72.2	72.3	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 14000	69.9	71.7	72.7	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 12000	72.3	74.1	75.1	75.2	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 10000	78.0	79.9	80.9	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 9000	78.3	80.2	81.2	81.3	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 8000	80.3	82.2	83.4	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 7000	81.4	83.3	84.6	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 6000	82.1	84.0	85.2	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 5000	83.4	85.4	86.7	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4500	84.6	86.6	87.8	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4000	85.6	87.6	88.9	89.1	89.4	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3500	86.6	88.8	90.1	90.3	90.9	90.9	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	87.3	89.8	91.2	91.6	92.3	92.3	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2500	87.6	90.0	91.4	91.8	92.6	92.6	92.7	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0
GE 2000	87.9	90.3	91.8	92.1	92.9	92.9	93.0	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800	88.1	90.7	92.1	92.4	93.2	93.2	93.3	93.4	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7
GE 1500	88.6	91.2	92.7	93.0	93.8	93.8	93.9	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	89.1	92.0	93.4	93.8	94.6	94.6	94.7	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	89.7	92.8	94.2	94.7	95.6	95.9	96.0	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	89.8	92.9	94.6	95.0	95.9	96.3	96.4	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	90.3	93.6	95.2	95.7	96.6	97.0	97.2	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	90.7	94.0	95.7	96.1	97.0	97.4	97.8	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	90.9	94.4	96.1	96.6	97.4	97.9	98.2	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	90.9	94.4	96.2	96.7	97.8	98.3	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	90.9	94.4	96.2	96.7	97.9	98.4	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	90.9	94.4	96.2	96.7	97.9	98.4	99.0	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	90.9	94.4	96.2	96.7	97.9	98.4	99.0	99.2	99.2	99.3	99.6	99.6	99.8	99.8	100.0	100.0
GE 100	90.9	94.4	96.2	96.7	97.9	98.4	99.0	99.2	99.2	99.3	99.6	99.6	99.8	99.8	100.0	100.0
GE 000	90.9	94.4	96.2	96.7	97.9	98.4	99.0	99.2	99.2	99.3	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.6	65.2	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 20000	71.3	72.1	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 18000	71.3	72.1	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 16000	71.6	72.3	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 14000	72.2	73.0	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 12000	74.4	75.2	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 10000	78.2	79.1	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 9000	78.6	79.4	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 8000	81.3	82.2	82.6	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 7000	82.2	83.1	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 6000	83.0	83.9	84.2	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 5000	83.9	84.8	85.1	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	84.8	85.8	86.2	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4000	85.6	86.6	87.0	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3500	86.7	87.7	88.1	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000	87.6	88.6	89.3	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2500	88.7	89.7	90.6	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	89.4	90.6	91.4	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	89.9	91.0	91.9	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1500	91.6	92.7	93.6	94.0	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	92.3	93.4	94.3	94.8	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1000	92.8	94.0	95.0	95.4	96.1	96.3	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	93.4	94.8	95.9	96.3	97.0	97.2	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	93.7	95.2	96.4	96.9	97.6	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	94.0	95.7	96.9	97.3	98.2	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	94.1	96.1	97.4	98.0	99.0	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	94.2	96.3	97.7	98.2	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	94.2	96.3	97.7	98.2	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	94.2	96.3	97.7	98.2	99.3	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.2	96.3	97.7	98.2	99.3	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.2	96.3	97.7	98.2	99.3	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.2	96.3	97.7	98.2	99.3	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.7	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 20000	73.1	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 18000	73.2	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 16000	73.3	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 14000	74.2	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 12000	75.7	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 10000	80.3	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 9000	81.1	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 8000	83.7	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 7000	84.1	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 6000	84.8	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 5000	85.7	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4500	86.9	87.2	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4000	88.4	88.8	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3500	90.7	91.0	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3000	93.1	93.4	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	94.0	94.3	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2000	94.8	95.1	95.2	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	94.9	95.2	95.3	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	95.3	95.7	95.9	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	96.1	96.6	96.8	97.4	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	96.7	97.1	97.7	98.3	98.6	98.6	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	96.7	97.2	97.8	98.4	98.7	98.7	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	96.9	97.6	98.1	98.8	99.0	99.0	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	97.2	98.0	98.6	99.2	99.4	99.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	97.2	98.0	98.6	99.2	99.4	99.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	97.2	98.0	98.6	99.2	99.4	99.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.2	98.0	98.6	99.2	99.4	99.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	97.2	98.0	98.6	99.2	99.4	99.4	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	97.2	98.0	98.6	99.2	99.4	99.4	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	97.2	98.0	98.6	99.2	99.4	99.4	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	97.2	98.0	98.6	99.2	99.4	99.4	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 20000	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 18000	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 16000	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 14000	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 12000	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 10000	82.3	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 9000	3.0	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 8000	86.0	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 7000	86.3	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 6000	86.9	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 5000	89.0	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4500	90.1	90.7	91.1	91.1	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4000	91.4	92.0	92.4	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3500	92.7	93.2	94.0	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3000	94.2	94.8	95.6	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	94.3	94.9	95.7	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	94.9	95.4	96.2	96.3	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	94.9	95.4	96.2	96.3	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	95.6	96.1	96.9	97.0	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	96.2	96.8	97.6	97.7	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	96.6	97.1	97.9	98.0	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	96.7	97.6	98.3	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	96.7	97.6	98.3	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	96.9	97.8	98.6	98.7	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	96.9	97.8	98.6	98.7	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	97.0	97.9	98.7	98.8	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 400	97.0	97.9	98.7	98.8	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 300	97.0	97.9	98.7	98.8	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	97.0	97.9	98.7	98.8	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	97.0	97.9	98.7	98.8	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	97.0	97.9	98.7	98.8	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	72.9	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 20000	80.1	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 18000	80.4	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 16000	80.4	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 14000	81.1	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 12000	83.2	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 10000	85.9	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 9000	86.6	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 8000	89.3	90.2	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 7000	89.7	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 6000	90.2	91.1	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 5000	91.3	92.2	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 4500	91.9	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4000	92.3	93.2	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3500	93.1	94.1	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3000	93.6	94.6	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2500	93.8	94.8	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	94.9	95.9	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	95.0	96.0	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	95.6	96.6	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	95.9	96.9	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	96.1	97.1	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	96.6	97.6	98.3	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	96.8	97.8	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	96.9	97.9	99.0	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	97.0	98.0	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	97.3	98.3	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.3	98.3	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.3	98.3	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.3	98.3	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.3	98.3	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.3	98.3	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 20000	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 18000	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 16000	84.0	84.3	84.3	84.3	84.3	84.3	84.3	4.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 14000	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 12000	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 10000	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 9000	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 8000	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 7000	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 6000	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 5000	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 4500	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 4000	93.0	93.3	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 3500	93.8	94.3	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000	93.9	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	94.8	95.3	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	95.3	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1800	95.3	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1500	95.6	96.1	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1200	96.0	96.6	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	96.4	97.0	97.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	97.2	97.8	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	97.4	98.0	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	97.7	98.2	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	97.8	98.3	98.4	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	98.1	98.7	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.1	98.7	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.1	98.7	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.1	98.7	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.1	98.7	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.1	98.7	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.7	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 20000	76.0	76.7	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 18000	76.2	76.9	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 16000	76.4	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 14000	76.9	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 12000	79.0	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 10000	82.6	83.4	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 9000	83.1	83.9	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 8000	85.4	86.2	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 7000	85.8	86.6	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 6000	86.5	87.3	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 5000	87.7	88.5	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 4500	88.4	89.2	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4000	89.6	90.4	90.8	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3500	90.7	91.6	92.1	92.3	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3000	91.5	92.5	93.1	93.3	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	92.1	93.1	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	92.7	93.8	94.4	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	92.9	94.0	94.6	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	93.6	94.7	95.4	95.6	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	94.1	95.3	96.0	96.3	96.5	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	94.7	95.9	96.6	96.9	97.3	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	95.0	96.3	97.1	97.4	97.8	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	95.3	96.6	97.4	97.7	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	95.5	96.9	97.8	98.1	98.5	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	95.6	97.1	98.0	98.3	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	95.8	97.3	98.2	98.5	99.0	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	95.8	97.3	98.3	98.6	99.1	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	95.8	97.3	98.3	98.6	99.2	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.9	97.4	98.3	98.7	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	95.9	97.4	98.3	98.7	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	95.9	97.4	98.3	98.7	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.8	66.6	66.9	67.3	67.5	67.5	67.7	67.8	67.8	67.8	67.8	67.8	68.1	68.1	68.1	68.1
GE 20000	68.9	69.7	70.0	70.5	70.8	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.3
GE 18000	68.9	69.7	70.0	70.5	70.8	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.3
GE 16000	68.9	69.7	70.0	70.5	70.8	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.3
GE 14000	69.6	70.3	70.6	71.2	71.4	71.5	71.7	71.8	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.0
GE 12000	70.6	71.4	71.7	72.3	72.5	72.6	72.8	72.9	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1
GE 10000	72.6	73.3	73.7	74.2	74.4	74.5	74.7	74.8	74.8	74.8	74.8	74.8	75.1	75.1	75.1	75.1
GE 9000	72.9	73.7	74.0	74.5	74.7	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.4
GE 8000	74.8	75.6	75.9	76.6	76.8	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.5	77.5	77.5	77.5
GE 7000	75.7	76.5	76.9	77.5	77.7	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.6	78.6	78.6	78.6
GE 6000	75.9	76.7	77.1	77.7	78.0	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.8	78.8	78.8	78.8
GE 5000	76.1	76.9	77.3	78.0	78.2	78.4	78.6	78.7	78.7	78.7	78.7	78.7	79.0	79.0	79.0	79.0
GE 4500	77.0	77.7	78.2	78.8	79.0	79.2	79.5	79.6	79.6	79.6	79.6	79.6	79.9	79.9	79.9	79.9
GE 4000	78.8	79.6	80.1	80.8	81.0	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.8	81.8	81.8	81.8
GE 3500	79.6	80.4	81.2	81.8	82.2	82.4	82.6	82.7	82.7	82.7	82.7	82.7	83.0	83.0	83.0	83.0
GE 3000	81.2	82.0	82.9	83.5	84.1	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.9	84.9	84.9	84.9
GE 2500	83.7	84.6	85.5	86.1	86.7	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.5	87.5	87.5	87.5
GE 2000	84.8	85.9	86.9	87.7	88.3	88.5	88.7	88.9	88.9	88.9	88.9	88.9	89.2	89.2	89.2	89.2
GE 1800	85.4	86.5	87.4	88.3	88.8	89.0	89.2	89.5	89.5	89.5	89.5	89.5	89.8	89.8	89.8	89.8
GE 1500	85.9	87.2	88.2	89.1	89.8	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.8	90.8	90.8	90.8
GE 1200	86.6	88.0	88.9	90.0	90.8	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.7	91.7	91.7	91.7
GE 1000	87.5	88.9	89.9	91.0	91.8	92.0	92.4	92.6	92.6	92.6	92.6	92.6	92.9	92.9	92.9	92.9
GE 900	88.1	89.5	90.6	91.7	92.7	92.9	93.3	93.5	93.5	93.5	93.5	93.5	93.9	93.9	93.9	93.9
GE 800	88.4	89.8	91.0	92.3	93.2	93.4	93.9	94.2	94.2	94.2	94.2	94.2	94.5	94.5	94.5	94.5
GE 700	89.0	90.4	91.8	93.1	94.1	94.3	94.7	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4
GE 600	89.7	91.1	92.5	93.8	94.8	95.1	95.5	95.8	95.8	95.8	95.8	95.8	96.1	96.1	96.1	96.1
GE 500	90.1	91.5	92.9	94.6	96.0	96.3	97.0	97.3	97.3	97.4	97.4	97.4	97.7	97.7	97.7	97.7
GE 400	90.6	92.2	93.5	95.3	96.9	97.3	98.0	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7
GE 300	90.6	92.2	93.5	95.3	96.9	97.3	98.2	98.5	98.5	98.9	98.9	98.9	99.2	99.2	99.2	99.2
GE 200	90.6	92.2	93.5	95.3	96.9	97.3	98.3	98.6	98.6	99.0	99.0	99.0	99.5	99.5	99.5	99.5
GE 100	90.6	92.2	93.5	95.3	97.0	97.4	98.4	98.7	98.7	99.1	99.1	99.1	99.6	99.6	99.9	100.0
GE 000	90.6	92.2	93.5	95.3	97.0	97.4	98.4	98.7	98.7	99.1	99.1	99.1	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.1	61.6	62.2	63.2	63.8	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.6	64.6	64.9	65.1
GE 20000	63.8	64.3	64.9	66.1	66.8	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.6	68.0	68.1
GE 18000	63.8	64.3	64.9	66.1	66.8	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.6	68.0	68.1
GE 16000	63.9	64.4	65.1	66.2	66.9	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.7	67.7	68.1	68.2
GE 14000	63.9	64.4	65.1	66.2	66.9	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.7	67.7	68.1	68.2
GE 12000	65.1	65.6	66.3	67.5	68.2	68.3	68.7	68.7	68.7	68.7	68.7	68.7	69.0	69.0	69.4	69.5
GE 10000	67.5	68.1	68.8	70.0	70.6	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.5	71.5	71.8	71.9
GE 9000	67.8	68.4	69.1	70.3	71.0	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.8	71.8	72.2	72.3
GE 8000	68.9	69.5	70.2	71.4	72.0	72.2	72.6	72.6	72.6	72.6	72.6	72.6	73.0	73.0	73.4	73.7
GE 7000	69.8	70.3	71.1	72.3	72.9	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.9	73.9	74.3	74.5
GE 6000	69.9	70.4	71.2	72.4	73.0	73.1	73.5	73.5	73.5	73.5	73.5	73.5	74.0	74.0	74.4	74.6
GE 5000	70.8	71.3	72.0	73.2	73.9	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.8	74.8	75.3	75.5
GE 4500	72.0	72.6	73.5	74.7	75.4	75.5	75.9	75.9	75.9	75.9	75.9	75.9	76.3	76.3	76.8	77.0
GE 4000	73.8	74.5	75.6	76.8	77.4	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.4	78.4	78.8	79.0
GE 3500	74.9	75.7	76.8	78.0	78.6	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.6	79.6	80.0	80.2
GE 3000	76.6	77.4	78.9	80.1	80.8	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.7	81.7	82.2	82.4
GE 2500	78.1	79.0	80.9	82.0	82.8	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.8	83.8	84.2	84.4
GE 2000	79.1	80.3	82.3	83.4	84.2	84.3	84.7	84.7	84.7	84.7	84.7	84.7	85.2	85.2	85.6	85.8
GE 1800	79.6	80.8	82.8	84.0	84.7	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.7	85.7	86.1	86.3
GE 1500	80.3	81.6	83.8	84.9	85.8	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.8	86.8	87.2	87.4
GE 1200	81.5	82.8	85.1	86.2	87.1	87.3	87.8	87.8	87.8	87.8	87.8	87.8	88.3	88.3	88.7	88.9
GE 1000	82.3	83.8	86.0	87.2	88.1	88.3	88.8	88.8	88.8	88.8	88.8	88.8	89.4	89.4	89.8	90.0
GE 900	82.4	83.9	86.1	87.4	88.3	88.5	89.4	89.4	89.4	89.4	89.4	89.4	89.9	89.9	90.3	90.5
GE 800	82.7	84.3	86.8	88.1	88.9	89.1	90.0	90.0	90.0	90.0	90.0	90.0	90.5	90.5	91.0	91.2
GE 700	82.8	84.4	86.9	88.3	89.1	89.4	90.2	90.2	90.2	90.2	90.2	90.2	90.8	90.8	91.2	91.4
GE 600	83.2	84.9	87.5	89.0	90.2	90.4	91.4	91.4	91.4	91.4	91.4	91.4	91.9	91.9	92.4	92.6
GE 500	83.9	85.8	88.8	90.3	91.5	91.9	92.9	93.0	93.0	93.1	93.1	93.1	93.7	93.7	94.1	94.3
GE 400	84.2	86.2	89.4	91.5	93.1	93.8	94.7	94.9	94.9	95.2	95.2	95.2	95.7	95.7	96.1	96.3
GE 300	84.5	86.6	90.2	91.9	93.8	94.5	95.6	96.1	96.1	96.3	96.3	96.3	96.9	96.9	97.4	97.8
GE 200	84.5	86.6	90.2	91.9	93.8	94.5	95.6	96.1	96.1	96.3	96.6	96.6	97.3	97.3	97.8	98.6
GE 100	84.5	86.6	90.2	91.9	93.8	94.5	95.7	96.3	96.3	96.7	97.0	97.0	97.7	97.7	98.6	99.7
GE 000	84.5	86.6	90.2	91.9	93.8	94.5	95.7	96.3	96.3	96.7	97.0	97.0	97.7	97.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.3	55.3	55.7	56.6	57.2	57.6	57.7	57.8	57.8	58.2	58.2	58.2	58.4	58.4	58.6	58.9
GE 20000	58.2	59.1	59.7	60.5	61.2	61.6	61.8	61.9	61.9	62.3	62.3	62.3	62.5	62.5	62.7	63.0
GE 18000	58.5	59.5	60.0	60.9	61.5	61.9	62.2	62.3	62.3	62.6	62.6	62.6	62.8	62.8	63.0	63.3
GE 16000	58.5	59.5	60.0	60.9	61.5	61.9	62.2	62.3	62.3	62.6	62.6	62.6	62.8	62.8	63.0	63.3
GE 14000	58.7	59.7	60.2	61.1	61.7	62.2	62.4	62.5	62.5	62.8	62.8	62.8	63.0	63.0	63.2	63.5
GE 12000	61.1	62.0	62.7	63.5	64.2	64.6	64.8	64.9	64.9	65.3	65.3	65.3	65.5	65.5	65.7	66.0
GE 10000	64.2	65.2	65.8	66.7	67.4	67.8	68.1	68.2	68.2	68.5	68.5	68.5	68.7	68.7	68.9	69.2
GE 9000	64.5	65.5	66.1	67.0	67.7	68.2	68.4	68.5	68.5	68.8	68.8	68.8	69.0	69.0	69.2	69.6
GE 8000	66.2	67.3	68.0	68.9	69.8	70.2	70.4	70.5	70.5	70.9	70.9	70.9	71.1	71.1	71.3	71.6
GE 7000	67.2	68.4	69.0	70.0	70.9	71.3	71.5	71.6	71.6	71.9	71.9	71.9	72.2	72.2	72.4	72.7
GE 6000	68.1	69.2	69.9	70.9	71.7	72.2	72.4	72.5	72.5	72.8	72.8	72.8	73.0	73.0	73.2	73.5
GE 5000	69.0	70.2	70.9	71.8	72.9	73.3	73.7	73.8	73.8	74.1	74.1	74.1	74.3	74.3	74.5	74.8
GE 4500	69.9	71.1	71.7	72.7	73.8	74.2	74.5	74.6	74.6	74.9	74.9	74.9	75.2	75.2	75.4	75.7
GE 4000	72.3	73.4	74.1	75.1	76.2	76.7	77.0	77.1	77.1	77.4	77.4	77.4	77.6	77.6	77.8	78.2
GE 3500	72.8	74.0	74.6	75.7	76.9	77.3	77.6	77.7	77.7	78.1	78.1	78.1	78.3	78.3	78.5	78.8
GE 3000	74.0	75.4	76.2	77.4	78.6	79.0	79.4	79.5	79.5	79.8	79.8	79.8	80.0	80.0	80.2	80.5
GE 2500	74.3	76.3	77.4	78.6	79.8	80.2	80.5	80.6	80.6	81.0	81.0	81.0	81.2	81.2	81.4	81.7
GE 2000	75.8	77.3	78.6	79.9	81.2	81.6	81.9	82.0	82.0	82.4	82.5	82.5	82.7	82.7	82.9	83.2
GE 1800	76.3	77.8	79.2	80.5	81.8	82.3	82.6	82.7	82.7	83.0	83.1	83.1	83.3	83.3	83.5	83.9
GE 1500	77.8	79.6	81.3	82.7	84.1	84.6	84.9	85.1	85.1	85.4	85.5	85.5	85.7	85.7	85.9	86.2
GE 1200	78.6	80.3	82.3	83.8	85.2	85.7	86.0	86.1	86.1	86.5	86.6	86.6	86.8	86.8	87.0	87.3
GE 1000	78.9	80.6	82.7	84.2	85.7	86.2	86.7	86.8	86.8	87.1	87.2	87.2	87.4	87.4	87.6	88.0
GE 900	79.0	80.8	82.8	84.3	85.9	86.5	87.0	87.1	87.1	87.5	87.6	87.6	87.8	87.8	88.1	88.4
GE 800	79.5	81.2	83.3	84.9	86.6	87.1	87.7	87.8	87.8	88.4	88.5	88.5	88.7	88.7	88.9	89.2
GE 700	79.7	81.6	83.9	85.7	87.3	87.8	88.5	88.6	88.6	89.1	89.2	89.2	89.5	89.5	89.7	90.0
GE 600	79.7	81.6	84.0	86.0	87.6	88.2	89.0	89.1	89.1	89.7	89.8	89.8	90.0	90.0	90.2	90.5
GE 500	80.1	82.3	85.1	87.2	89.1	90.1	91.2	91.5	91.5	92.2	92.4	92.4	92.6	92.6	92.9	93.2
GE 400	80.5	82.7	85.7	88.1	90.3	91.3	92.6	93.0	93.0	93.8	94.0	94.0	94.2	94.2	94.5	94.9
GE 300	80.8	83.0	86.0	88.4	90.9	91.8	93.1	93.8	93.8	95.1	95.8	95.8	96.0	96.0	96.3	97.4
GE 200	80.8	83.0	86.0	88.4	90.9	91.8	93.1	93.8	93.8	95.2	96.0	96.0	96.5	96.5	97.1	98.8
GE 100	80.8	83.0	86.0	88.4	91.0	91.9	93.2	93.9	93.9	95.4	96.3	96.3	96.8	96.8	97.4	99.6
GE 000	80.8	83.0	86.0	88.4	91.0	91.9	93.2	93.9	93.9	95.4	96.3	96.3	96.8	96.8	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.8	57.3	57.6	58.0	58.2	58.3	58.4	58.5	58.5	58.6	58.8	58.8	58.8	58.8	58.8	58.8
GE 20000	61.3	62.3	62.7	63.0	63.2	63.3	63.4	63.5	63.5	63.7	63.9	63.9	63.9	63.9	63.9	63.9
GE 18000	61.7	62.7	63.1	63.4	63.7	63.8	63.9	64.0	64.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3
GE 16000	61.7	62.7	63.1	63.4	63.7	63.8	63.9	64.0	64.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3
GE 14000	61.8	62.8	63.2	63.5	63.8	63.9	64.0	64.1	64.1	64.2	64.4	64.4	64.4	64.4	64.4	64.4
GE 12000	64.3	65.3	65.7	66.0	66.2	66.3	66.5	66.6	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9
GE 10000	67.1	68.2	68.6	68.9	69.2	69.4	69.5	69.6	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9
GE 9000	67.3	68.4	68.8	69.1	69.5	69.6	69.7	69.8	69.8	69.9	70.1	70.1	70.1	70.1	70.1	70.1
GE 8000	69.8	71.0	71.5	71.9	72.3	72.4	72.5	72.6	72.6	72.7	72.9	72.9	72.9	72.9	72.9	72.9
GE 7000	70.2	71.4	71.9	72.4	72.7	72.8	72.9	73.0	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3
GE 6000	71.2	72.4	72.9	73.3	73.7	73.8	73.9	74.0	74.0	74.1	74.3	74.3	74.3	74.3	74.3	74.3
GE 5000	72.2	73.4	74.2	74.6	74.9	75.1	75.2	75.3	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6
GE 4500	72.4	73.7	74.4	74.8	75.2	75.3	75.4	75.5	75.5	75.6	75.8	75.8	75.8	75.8	75.8	75.8
GE 4000	74.1	75.4	76.1	76.7	77.0	77.1	77.2	77.3	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6
GE 3500	75.3	76.6	77.3	77.8	78.2	78.3	78.4	78.5	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8
GE 3000	76.2	77.5	78.4	79.0	79.5	79.6	79.8	79.9	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3
GE 2500	76.8	78.1	79.1	79.8	80.2	80.3	80.5	80.6	80.6	80.9	81.1	81.1	81.1	81.1	81.1	81.1
GE 2000	78.3	79.6	80.6	81.4	81.8	81.9	82.2	82.3	82.3	82.5	82.7	82.7	82.7	82.7	82.7	82.7
GE 1800	78.6	79.9	81.0	81.8	82.3	82.4	82.6	82.7	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1
GE 1500	80.8	82.0	83.2	84.3	84.8	84.9	85.6	85.8	85.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3
GE 1200	81.9	83.5	84.7	85.9	86.6	86.7	87.5	87.8	87.8	88.2	88.4	88.4	88.4	88.4	88.4	88.4
GE 1000	83.2	84.8	86.1	87.3	88.0	88.1	88.9	89.2	89.2	89.6	89.8	89.8	89.8	89.8	89.8	89.8
GE 900	83.8	85.4	86.9	88.2	88.9	89.0	90.0	90.3	90.3	90.6	90.9	90.9	90.9	90.9	90.9	90.9
GE 800	84.2	86.1	87.6	88.9	90.1	90.2	91.2	91.5	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0
GE 700	84.6	87.0	88.7	90.2	91.5	91.6	92.7	93.0	93.0	93.3	93.5	93.5	93.5	93.5	93.5	93.5
GE 600	84.8	87.2	89.1	90.6	92.0	92.2	93.3	93.8	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3
GE 500	85.2	87.6	89.9	91.5	93.1	93.3	94.7	95.3	95.4	95.7	96.0	96.0	96.0	96.0	96.1	96.2
GE 400	85.2	87.7	90.2	92.0	94.0	94.2	96.0	96.8	96.9	97.3	97.8	97.8	97.8	97.8	98.0	98.1
GE 300	85.2	87.7	90.2	92.0	94.1	94.4	96.5	97.5	97.6	98.3	98.8	98.8	98.8	98.8	98.9	99.0
GE 200	85.2	87.7	90.2	92.2	94.2	94.5	96.6	97.6	97.7	98.5	99.0	99.0	99.1	99.1	99.5	99.7
GE 100	85.2	87.7	90.2	92.2	94.2	94.5	96.6	97.6	97.7	98.5	99.0	99.0	99.1	99.1	99.7	100.0
GE 000	85.2	87.7	90.2	92.2	94.2	94.5	96.6	97.6	97.7	98.5	99.0	99.0	99.1	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.0	61.2	61.3	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 20000	67.5	67.8	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 18000	68.0	68.3	68.5	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 16000	68.0	68.3	68.5	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 14000	68.1	68.4	68.6	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	70.3	70.6	70.9	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 10000	71.8	72.2	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 9000	72.4	72.7	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 8000	75.2	75.5	75.7	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 7000	75.6	75.9	76.1	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 6000	76.1	76.5	76.7	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 5000	77.0	77.3	77.5	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4500	77.1	77.4	77.6	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4000	78.8	79.1	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3500	80.6	81.0	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	82.6	83.0	83.3	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 2500	83.4	83.9	84.2	84.3	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2000	85.8	86.3	86.9	87.0	87.2	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1800	86.6	87.1	87.6	87.7	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1500	88.4	89.1	89.7	89.8	90.1	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1200	90.2	91.2	91.9	92.3	92.6	92.8	92.8	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 1000	91.5	92.5	93.2	93.7	94.1	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 900	92.4	93.4	94.2	94.6	95.3	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 800	92.7	94.0	94.8	95.6	96.3	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 700	93.4	94.9	95.8	96.6	97.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 600	93.5	95.1	95.9	96.7	97.6	98.0	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 500	93.7	95.2	96.1	97.0	98.4	98.7	98.8	99.0	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 400	93.7	95.2	96.1	97.0	98.5	98.8	98.9	99.1	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9
GE 300	93.7	95.2	96.1	97.0	98.5	98.8	98.9	99.1	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	93.7	95.2	96.1	97.0	98.5	98.8	98.9	99.1	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	93.7	95.2	96.1	97.0	98.5	98.8	98.9	99.1	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	93.7	95.2	96.1	97.0	98.5	98.8	98.9	99.1	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 20000	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 18000	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 16000	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 14000	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 12000	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 10000	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 9000	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 8000	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 7000	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 6000	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 5000	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4000	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3500	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	89.5	89.9	90.0	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2500	90.8	91.3	91.4	91.4	91.4	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	91.9	92.6	92.7	92.7	92.7	92.7	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800	93.3	94.0	94.1	94.1	94.1	94.1	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500	94.1	94.7	94.8	94.8	94.9	94.9	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1200	94.8	95.6	95.8	95.8	96.0	96.0	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	95.6	96.3	96.7	96.7	97.1	97.1	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	95.9	96.7	97.0	97.0	97.4	97.4	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	96.0	96.9	97.2	97.2	97.6	97.6	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	96.3	97.2	97.5	97.5	98.0	98.0	98.5	98.5	98.5	98.6	98.6	98.6	98.6	9.6	98.6	98.6
GE 600	96.6	97.4	97.7	97.7	98.2	98.2	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	96.6	97.4	97.7	97.8	98.3	98.3	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	96.8	97.6	98.0	98.1	98.5	98.5	99.1	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	96.8	97.6	98.0	98.1	98.6	98.6	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.8	97.6	98.0	98.1	98.6	98.6	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.8	97.6	98.0	98.1	98.6	98.6	99.4	99.7	99.7	100.0	100.0	100.0	100.0	10.0	100.0	100.0
GE 000	96.8	97.6	98.0	98.1	98.6	98.6	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.5	67.7	67.7	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 20000	75.6	75.8	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 18000	75.9	76.1	76.2	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 16000	75.9	76.1	76.2	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 14000	76.7	76.9	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 12000	78.7	78.9	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 10000	80.8	81.0	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 9000	81.0	81.2	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 8000	83.2	83.4	83.5	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 7000	84.2	84.4	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 6000	84.4	84.6	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 5000	85.2	85.4	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	85.4	85.6	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4000	86.7	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3500	87.6	87.8	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3000	89.1	89.4	89.7	89.8	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2500	90.8	91.0	91.4	91.5	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	91.7	91.9	92.5	92.7	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	92.0	92.3	92.8	93.1	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	92.8	93.0	93.5	93.9	94.2	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1200	93.1	93.4	94.0	94.3	94.7	94.7	94.8	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	93.5	94.1	94.7	95.2	95.7	95.7	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	94.2	94.8	95.5	96.0	96.6	96.6	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	94.3	94.9	95.8	96.5	97.0	97.0	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 700	94.7	95.4	96.5	97.1	97.7	97.7	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	94.7	95.4	96.5	97.1	98.1	98.1	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	94.8	95.5	96.9	97.5	98.6	98.6	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	94.9	95.6	97.0	97.6	98.7	98.7	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	94.9	95.6	97.0	97.6	98.7	98.7	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	94.9	95.6	97.0	97.6	98.7	98.7	99.0	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	94.9	95.6	97.0	97.6	98.7	98.7	99.0	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	94.9	95.6	97.0	97.6	98.7	98.7	99.0	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.0	69.2	69.4	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 20000	74.0	74.3	74.4	74.5	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 18000	74.1	74.4	74.5	74.6	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 16000	74.1	74.4	74.5	74.6	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 14000	74.8	75.2	75.3	75.4	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 12000	75.7	76.0	76.1	76.2	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 10000	77.1	77.4	77.5	77.6	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 9000	77.4	77.7	77.8	78.0	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 8000	79.5	79.8	79.9	80.0	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 7000	80.2	80.5	80.6	80.8	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 6000	80.8	81.1	81.2	81.3	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 5000	81.6	81.9	82.0	82.2	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4500	82.4	82.7	82.8	82.9	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4000	84.6	84.9	85.1	85.2	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	85.4	85.7	85.8	85.9	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 3000	86.8	87.2	87.3	87.4	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	88.5	88.9	89.0	89.1	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
GE 2000	90.6	91.1	91.3	91.5	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
GE 1800	91.0	91.4	91.6	91.8	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
GE 1500	91.3	91.9	92.4	92.8	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
GE 1200	91.4	92.0	92.5	92.9	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
GE 1000	91.8	92.5	92.9	93.3	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
GE 900	92.8	93.5	94.0	94.4	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 800	93.1	93.9	94.3	94.7	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 700	93.7	94.4	94.8	95.5	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 600	93.9	94.6	95.1	95.8	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 500	93.9	94.6	95.5	96.3	98.0	98.2	98.3	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7
GE 400	94.2	94.9	95.9	96.9	98.5	98.7	98.8	98.9	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5
GE 300	94.2	94.9	95.9	97.0	98.6	98.8	99.2	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	94.2	94.9	95.9	97.0	98.6	98.8	99.2	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	94.2	94.9	95.9	97.0	98.6	98.8	99.2	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	94.2	94.9	95.9	97.0	98.6	98.8	99.2	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.7	63.1	63.3	63.7	64.0	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.5	64.5
GE 20000	68.0	68.5	68.8	69.2	69.5	69.6	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	70.0	70.1
GE 18000	68.2	68.8	69.1	69.5	69.7	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.3	70.3
GE 16000	68.2	68.8	69.1	69.5	69.8	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.3	70.3
GE 14000	68.7	69.2	69.5	69.9	70.2	70.3	70.5	70.5	70.5	70.6	70.6	70.6	70.7	70.7	70.8	70.8
GE 12000	70.5	71.0	71.4	71.8	72.1	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.6	72.7
GE 10000	72.6	73.2	73.5	73.9	74.3	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.8	74.9
GE 9000	73.0	73.5	73.9	74.3	74.6	74.7	74.9	74.9	74.9	74.9	75.0	75.0	75.1	75.1	75.1	75.2
GE 8000	74.9	75.5	75.8	76.3	76.6	76.7	76.9	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.2	77.3
GE 7000	75.7	76.3	76.7	77.1	77.5	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.1	78.1
GE 6000	76.2	76.8	77.2	77.6	78.0	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.6
GE 5000	77.0	77.7	78.1	78.5	78.9	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.5	79.5
GE 4500	77.6	78.3	78.7	79.1	79.5	79.6	79.8	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.1	80.1
GE 4000	79.4	80.1	80.6	81.0	81.4	81.5	81.7	81.7	81.7	81.8	81.8	81.8	81.9	81.9	82.0	82.1
GE 3500	80.5	81.2	81.7	82.1	82.5	82.7	82.8	82.8	82.8	82.9	82.9	82.9	83.1	83.1	83.1	83.2
GE 3000	82.0	82.7	83.3	83.8	84.3	84.4	84.6	84.7	84.7	84.8	84.8	84.8	84.9	84.9	85.0	85.1
GE 2500	83.3	84.1	84.9	85.4	85.8	86.0	86.2	86.2	86.2	86.3	86.4	86.4	86.5	86.5	86.6	86.6
GE 2000	84.8	85.6	86.5	87.0	87.6	87.7	87.9	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.3	88.4
GE 1800	85.3	86.2	87.1	87.7	88.2	88.3	88.5	88.6	88.6	88.7	88.7	88.7	88.9	88.9	89.0	89.0
GE 1500	86.4	87.4	88.4	89.0	89.7	89.8	90.1	90.2	90.2	90.3	90.4	90.4	90.5	90.5	90.6	90.6
GE 1200	87.3	88.4	89.4	90.1	90.8	91.0	91.3	91.4	91.4	91.5	91.6	91.6	91.7	91.7	91.8	91.9
GE 1000	88.1	89.2	90.3	91.1	91.8	92.0	92.4	92.5	92.5	92.6	92.7	92.7	92.8	92.8	92.9	93.0
GE 900	88.6	89.7	90.9	91.7	92.5	92.7	93.2	93.3	93.3	93.4	93.5	93.5	93.6	93.6	93.7	93.8
GE 800	88.9	90.1	91.4	92.3	93.2	93.3	93.8	94.0	94.0	94.1	94.1	94.1	94.3	94.3	94.4	94.4
GE 700	89.3	90.7	92.0	93.0	94.0	94.1	94.6	94.8	94.8	94.9	94.9	94.9	95.1	95.1	95.2	95.3
GE 600	89.5	90.9	92.3	93.3	94.5	94.7	95.2	95.4	95.4	95.5	95.6	95.6	95.8	95.8	95.8	95.9
GE 500	89.8	91.2	92.9	94.0	95.4	95.7	96.3	96.6	96.7	96.9	97.0	97.0	97.1	97.1	97.2	97.3
GE 400	90.0	91.5	93.3	94.6	96.1	96.4	97.2	97.5	97.5	97.8	98.0	98.0	98.1	98.1	98.2	98.3
GE 300	90.1	91.6	93.4	94.7	96.3	96.6	97.5	98.0	98.0	98.4	98.6	98.6	98.8	98.8	98.9	99.1
GE 200	90.1	91.6	93.4	94.7	96.3	96.6	97.5	98.0	98.0	98.5	98.8	98.8	99.0	99.0	99.2	99.5
GE 100	90.1	91.6	93.4	94.7	96.3	96.7	97.6	98.0	98.1	98.6	98.9	98.9	99.1	99.1	99.4	99.9
GE 000	90.1	91.6	93.4	94.7	96.3	96.7	97.6	98.0	98.1	98.6	98.9	98.9	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 80
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.6	67.8	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4
GE 20000	73.3	73.7	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.6
GE 18000	73.3	73.7	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.6
GE 16000	73.3	73.7	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.6
GE 14000	73.8	74.1	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	75.0
GE 12000	74.6	74.9	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.9
GE 10000	75.7	76.0	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.0
GE 9000	76.1	76.4	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4
GE 8000	78.2	78.6	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.6
GE 7000	78.7	79.0	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.0
GE 6000	79.0	79.3	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.3
GE 5000	80.1	80.6	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.8
GE 4500	81.1	81.6	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.8
GE 4000	81.8	82.2	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.4
GE 3500	82.6	83.0	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.2
GE 3000	84.7	85.1	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.3
G 2500	85.3	85.8	86.6	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.1
GE 2000	86.6	87.0	87.8	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.3
GE 1800	86.7	87.2	88.0	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.6
GE 1500	87.9	88.4	89.4	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.1
GE 1200	89.7	90.2	91.2	91.4	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0
GE 1000	91.0	91.7	92.7	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.4
GE 900	91.3	92.0	93.0	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.8
GE 800	91.8	92.4	93.4	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.6
GE 700	91.8	92.6	93.9	94.3	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.1
GE 600	91.9	92.9	94.2	94.8	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.7
GE 500	92.4	93.4	94.8	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.8
GE 400	92.8	93.8	95.2	95.9	96.3	96.7	96.9	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.6
GE 300	92.8	93.8	95.2	96.0	96.7	97.0	97.2	97.4	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.3
GE 200	92.9	93.9	95.3	96.1	96.8	97.1	97.3	97.6	97.7	98.0	98.2	98.2	98.3	98.4	98.7	99.0
GE 100	92.9	93.9	95.3	96.1	96.8	97.1	97.3	97.6	97.7	98.0	98.2	98.2	98.3	98.4	99.2	99.9
GE 000	92.9	93.9	95.3	96.1	96.8	97.1	97.3	97.6	97.7	98.0	98.2	98.2	98.3	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.1	64.2	64.7	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 20000	67.2	68.3	68.8	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 18000	67.2	68.3	68.8	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 16000	67.2	68.3	68.8	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 14000	67.9	69.0	69.4	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 12000	68.1	69.2	69.7	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 10000	69.3	70.4	70.9	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 9000	69.6	70.7	71.1	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 8000	71.7	72.8	73.3	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 7000	72.1	73.2	73.8	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 6000	72.7	73.8	74.3	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 5000	73.3	74.4	75.1	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4500	74.7	75.8	76.4	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 4000	75.6	76.7	77.3	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	77.0	78.1	78.8	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3000	78.6	79.7	80.3	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 2500	80.3	81.6	82.2	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2000	81.6	82.8	83.4	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1800	82.0	83.2	83.9	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1500	84.0	85.2	85.9	86.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1200	85.9	87.1	87.9	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000	87.0	88.2	89.0	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 900	87.7	88.9	89.7	90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	88.4	89.8	90.6	91.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 700	89.4	90.8	91.9	92.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	89.6	91.0	92.2	93.2	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 500	89.7	91.2	92.6	93.7	94.7	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 400	89.7	91.2	92.6	93.7	94.8	94.8	95.4	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 300	89.9	91.4	92.8	93.9	95.0	95.0	95.9	96.1	96.1	96.7	96.9	96.9	97.2	97.2	97.2	97.3
GE 200	90.1	91.7	93.1	94.3	95.4	95.4	96.4	96.7	96.7	97.3	97.8	97.8	98.4	98.6	98.9	99.0
GE 100	90.1	91.7	93.1	94.3	95.4	95.4	96.4	96.7	96.7	97.3	97.9	97.9	98.6	98.7	99.1	99.8
GE 000	90.1	91.7	93.1	94.3	95.4	95.4	96.4	96.7	96.7	97.3	97.9	97.9	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.7	57.0	57.2	57.9	58.6	58.6	59.0	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2
GE 20000	63.4	63.8	64.0	64.7	65.3	65.3	65.8	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0
GE 18000	63.6	63.9	64.1	64.8	65.4	65.4	65.9	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1
GE 16000	63.7	64.0	64.2	64.9	65.6	65.6	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2
GE 14000	63.7	64.1	64.3	65.0	65.7	65.7	66.1	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3
GE 12000	64.8	65.2	65.6	66.2	66.9	66.9	67.3	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6
GE 10000	65.6	66.1	66.4	67.1	67.8	67.8	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4
GE 9000	66.0	66.6	66.9	67.6	68.2	68.2	68.7	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9
GE 8000	69.2	69.9	70.2	71.0	71.9	71.9	72.3	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6
GE 7000	70.7	71.3	71.7	72.4	73.3	73.3	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0
GE 6000	70.8	71.4	71.8	72.6	73.4	73.4	73.9	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1
GE 5000	71.7	72.4	72.8	73.6	74.4	74.6	75.0	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2
GE 4500	72.9	73.7	74.0	74.8	75.7	75.8	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4
GE 4000	73.4	74.4	74.9	75.7	76.6	76.7	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3
GE 3500	74.3	75.3	75.8	76.6	77.4	77.6	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2
GE 3000	75.4	76.4	76.9	77.7	78.6	78.7	79.1	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3
GE 2500	77.3	78.3	79.1	79.9	80.9	81.0	81.4	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7
GE 2000	78.6	79.7	80.6	81.4	82.7	82.8	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4
GE 1800	79.1	80.2	81.1	82.0	83.2	83.3	83.8	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0
GE 1500	81.4	82.7	83.7	84.7	85.9	86.0	86.4	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7
GE 1200	82.9	84.1	85.1	86.1	87.4	87.6	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3
GE 1000	84.0	85.3	86.3	87.4	88.9	89.0	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9
GE 900	84.9	86.4	87.4	88.6	90.1	90.2	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1
GE 800	85.4	87.1	88.3	89.7	91.3	91.6	92.3	92.4	92.4	92.4	92.4	92.6	92.7	92.7	92.7	92.7
GE 700	85.7	87.3	88.9	90.2	92.0	92.3	93.2	93.3	93.3	93.3	93.3	93.4	93.6	93.6	93.6	93.6
GE 600	85.8	87.4	89.0	90.7	92.6	92.9	93.9	94.0	94.0	94.0	94.0	94.1	94.2	94.2	94.2	94.3
GE 500	85.9	87.8	89.4	91.4	93.4	93.8	94.8	95.0	95.0	95.0	95.0	95.1	95.2	95.3	95.3	95.4
GE 400	85.9	87.9	89.6	91.7	93.8	94.1	95.6	95.9	95.9	96.0	96.1	96.2	96.3	96.3	96.4	96.4
GE 300	85.9	88.0	89.7	91.8	93.9	94.2	96.1	96.9	96.9	97.2	97.6	97.7	97.9	97.9	98.0	98.0
GE 200	86.0	88.1	89.8	92.0	94.1	94.4	96.3	97.1	97.2	97.7	98.2	98.3	98.7	98.7	98.8	98.8
GE 100	86.0	88.1	89.8	92.0	94.1	94.4	96.3	97.1	97.2	97.7	98.2	98.3	99.0	99.0	99.3	100.0
GE 000	86.0	88.1	89.8	92.0	94.1	94.4	96.3	97.1	97.2	97.7	98.2	98.3	99.0	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.0	56.3	56.4	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 20000	64.7	65.0	65.1	65.4	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 18000	64.7	65.0	65.1	65.4	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 16000	64.8	65.1	65.2	65.6	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	65.6	65.9	66.0	66.3	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	66.8	67.1	67.3	67.7	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 10000	68.3	68.7	68.9	69.2	69.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 9000	68.8	69.1	69.3	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 8000	72.3	72.7	72.9	73.2	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 7000	74.2	74.7	74.9	75.2	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 6000	74.3	75.0	75.2	75.6	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 5000	74.8	75.4	75.8	76.1	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 4500	75.6	76.2	76.6	76.9	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4000	76.8	77.4	77.8	78.3	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	77.2	77.9	78.2	78.8	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3000	78.7	79.4	79.8	80.3	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 2500	80.1	80.9	81.2	81.8	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2000	81.1	82.0	82.3	83.0	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1800	81.8	82.7	83.1	83.8	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1500	83.8	85.0	85.4	86.2	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	85.8	87.1	87.6	88.7	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000	86.9	88.4	89.0	90.6	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	87.0	88.7	89.2	90.8	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 800	87.7	89.3	89.9	91.7	92.7	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 700	87.8	89.6	90.1	92.1	93.3	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 600	88.0	89.8	90.4	92.4	93.9	94.4	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 500	88.0	89.8	90.6	92.7	94.4	95.0	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 400	88.1	89.9	90.8	93.0	94.9	95.4	96.4	97.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 300	88.1	90.0	90.9	93.1	95.0	95.6	96.6	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.4
GE 200	88.1	90.0	90.9	93.1	95.0	95.6	96.6	98.0	98.3	98.8	99.1	99.1	99.4	99.4	99.6	99.8
GE 100	88.1	90.0	90.9	93.1	95.0	95.6	96.6	98.0	98.3	98.8	99.1	99.1	99.4	99.4	99.6	100.0
GE 000	88.1	90.0	90.9	93.1	95.0	95.6	96.6	98.0	98.3	98.8	99.1	99.1	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2
GE 20000	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
GE 18000	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1
GE 16000	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2
GE 14000	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6
GE 12000	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9
GE 10000	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
GE 9000	72.8	72.9	73.0	73.0	7.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1
GE 8000	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
GE 7000	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
GE 6000	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
GE 5000	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
GE 4500	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
GE 4000	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
GE 3500	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6
GE 3000	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0
GE 2500	82.9	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
GE 2000	85.6	85.8	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	86.2	86.4	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 1500	88.9	89.1	89.4	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
GE 1200	90.3	90.7	91.0	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 1000	91.9	92.3	93.2	93.9	94.3	94.3	94.3	94.3	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6
GE 900	91.9	92.3	93.2	93.9	94.6	94.7	94.7	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	92.2	92.7	93.6	94.3	95.1	95.2	95.2	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	92.7	93.2	94.1	95.2	96.1	96.2	96.2	96.3	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6
GE 600	92.7	93.2	94.1	95.3	96.2	96.4	96.8	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 500	92.7	93.2	94.2	95.4	96.4	96.8	97.3	97.6	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	92.7	93.2	94.2	95.4	96.7	97.0	97.6	98.1	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	92.7	93.2	94.2	95.4	96.7	97.0	97.9	98.6	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	92.7	93.2	94.2	95.4	96.7	97.0	97.9	98.7	98.7	99.2	99.7	99.7	99.8	99.8	99.8	99.9
GE 100	92.7	93.2	94.2	95.4	96.7	97.0	97.9	98.7	98.7	99.2	99.7	99.7	99.8	99.8	99.8	100.0
GE 000	92.7	93.2	94.2	95.4	96.7	97.0	97.9	98.7	98.7	99.2	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.4	62.4	62.4	62.4	62.4	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 20000	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 18000	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 16000	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 14000	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 12000	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 10000	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 9000	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 8000	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 7000	79.8	79.8	79.8	79.8	79.8	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 6000	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 5000	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4500	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3500	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	86.8	86.9	86.9	87.0	87.0	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2500	88.4	88.6	88.6	88.7	88.7	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	89.8	89.9	89.9	90.0	90.0	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1800	90.1	90.2	90.2	90.3	90.3	90.3	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1500	92.7	92.8	92.8	93.0	93.0	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	93.1	93.2	93.2	93.6	93.6	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	94.0	94.1	94.3	94.7	95.0	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 900	94.6	94.8	95.0	95.3	95.7	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	94.9	95.1	95.3	95.7	96.1	96.1	96.2	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	95.2	95.4	95.7	96.0	96.9	96.9	97.0	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	95.2	95.4	95.7	96.0	96.9	97.2	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	95.2	95.6	95.8	96.1	97.0	97.3	98.2	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	95.2	95.6	95.8	96.2	97.3	97.7	98.6	99.0	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	95.2	95.6	95.8	96.2	97.3	97.7	98.7	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.2	95.6	95.8	96.2	97.3	97.7	98.7	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	95.2	95.6	95.8	96.2	97.3	97.7	98.7	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	95.2	95.6	95.8	96.2	97.3	97.7	98.7	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.4	66.6	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 20000	74.1	74.2	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 18000	74.6	74.7	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 16000	74.6	74.7	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 14000	75.4	75.6	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 12000	76.7	76.8	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 10000	79.6	79.7	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 9000	79.6	79.7	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 8000	82.0	82.1	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 7000	82.3	82.4	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 6000	82.8	82.9	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 5000	84.3	84.4	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 4500	85.2	85.3	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4000	86.0	86.2	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3500	86.7	86.9	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3000	88.4	88.8	89.3	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2500	89.8	90.3	90.9	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2000	90.6	91.1	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	91.1	91.7	92.2	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1500	92.7	93.2	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1200	93.0	93.6	94.1	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000	93.3	93.9	94.4	94.9	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	93.4	94.0	94.7	95.1	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	94.2	94.8	95.4	95.9	96.3	96.3	96.7	96.7	96.7	96.8	96.9	96.9	96.9	97.0	97.0	97.0
GE 700	94.2	94.8	95.4	95.9	96.6	96.6	96.9	96.9	96.9	97.0	97.1	97.1	97.3	97.4	97.4	97.4
GE 600	94.2	94.8	95.4	95.9	96.7	96.7	97.0	97.0	97.0	97.2	97.3	97.3	97.6	97.7	97.7	97.7
GE 500	94.2	94.9	95.6	96.0	96.8	96.8	97.2	97.2	97.2	97.6	97.7	97.7	97.9	98.0	98.0	98.0
GE 400	94.2	95.0	95.8	96.6	97.3	97.3	97.8	97.8	97.8	98.3	98.6	98.6	98.8	98.9	98.9	98.9
GE 300	94.2	95.0	95.8	96.6	97.3	97.3	97.8	97.8	97.8	98.3	98.6	98.6	98.8	98.9	98.9	98.9
GE 200	94.2	95.0	95.8	96.6	97.3	97.3	97.8	97.8	97.8	98.3	99.0	99.0	99.3	99.4	99.6	99.6
GE 100	94.2	95.0	95.8	96.6	97.3	97.3	97.8	97.8	97.8	98.3	99.0	99.0	99.3	99.4	99.6	99.7
GE 000	94.2	95.0	95.8	96.6	97.3	97.3	97.8	97.8	97.8	98.3	99.0	99.0	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 20000	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 18000	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 16000	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 14000	76.2	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 12000	77.2	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 10000	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 9000	79.3	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 8000	82.0	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	82.1	82.3	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 6000	82.6	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 5000	83.7	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4500	84.3	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4000	85.7	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3500	86.0	86.3	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3000	86.6	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2500	87.3	88.0	88.0	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2000	88.7	89.4	89.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1800	88.9	89.7	89.7	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1500	89.7	90.6	90.6	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	90.9	92.2	92.3	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000	91.3	92.8	92.9	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 900	91.6	93.1	93.2	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	92.2	93.8	93.9	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	92.4	94.0	94.2	94.9	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9
GE 600	92.7	94.2	94.4	95.1	95.8	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1
GE 500	93.0	94.6	94.9	95.6	96.2	96.2	96.3	96.4	96.4	96.8	96.9	96.9	97.0	97.0	97.0	97.0
GE 400	93.0	94.7	95.2	96.0	96.7	96.7	96.8	97.0	97.0	97.4	97.7	97.7	97.8	97.8	97.8	97.8
GE 300	93.0	94.7	95.2	96.2	96.9	97.0	97.2	97.4	97.6	98.0	98.2	98.2	98.3	98.3	98.3	98.3
GE 200	93.0	94.7	95.2	96.2	96.9	97.0	97.2	97.4	97.6	98.3	98.9	98.9	99.2	99.2	99.2	99.2
GE 100	93.0	94.7	95.2	96.2	96.9	97.0	97.2	97.4	97.6	98.3	98.9	98.9	99.2	99.2	99.4	99.6
GE 000	93.0	94.7	95.2	96.2	96.9	97.0	97.2	97.4	97.6	98.3	98.9	98.9	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/	GE 3/8	GE 1/4	GE 0
NO CEIL	62.6	62.9	63.0	63.2	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6
GE 20000	69.8	70.1	70.3	70.5	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9
GE 18000	69.9	70.3	70.5	70.6	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 16000	70.0	70.3	70.5	70.7	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1
GE 14000	70.6	70.9	71.1	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7
GE 12000	71.6	71.9	72.2	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7
GE 10000	73.3	73.7	73.9	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5
GE 9000	73.5	74.0	74.2	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8
GE 8000	76.2	76.6	76.8	77.0	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5
GE 7000	76.9	77.3	77.6	77.7	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2
GE 6000	77.3	77.7	78.0	78.2	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 5000	78.3	78.7	79.0	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
GE 4500	79.2	79.7	80.0	80.2	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7
GE 4000	80.1	80.6	81.0	81.2	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7
GE 3500	80.9	81.4	81.8	82.0	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5
GE 3000	82.5	83.0	83.4	83.6	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2500	83.9	84.6	85.0	85.3	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2000	85.3	86.0	86.4	86.8	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
GE 1800	85.7	86.4	86.9	87.3	87.6	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1500	87.6	88.4	88.9	89.3	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
GE 1200	88.9	89.8	90.3	90.9	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6
GE 1000	89.9	90.8	91.5	92.2	92.8	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 900	90.3	91.3	91.9	92.6	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7
GE 800	90.9	91.9	92.6	93.4	94.1	94.2	94.4	94.4	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6
GE 700	91.2	92.2	93.0	93.9	94.8	94.9	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.5
GE 600	91.3	92.3	93.2	94.2	95.1	95.3	95.7	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.1
GE 500	91.4	92.6	93.5	94.5	95.6	95.8	96.4	96.5	96.5	96.7	96.8	96.8	96.8	96.9	96.9	96.9
GE 400	91.4	92.7	93.6	94.8	96.0	96.2	96.9	97.2	97.2	97.6	97.7	97.7	97.8	97.8	97.8	97.9
GE 300	91.5	92.7	93.7	94.9	96.1	96.3	97.2	97.7	97.7	98.2	98.5	98.5	98.6	98.6	98.7	98.7
GE 200	91.5	92.8	93.8	95.0	96.2	96.4	97.3	97.8	97.9	98.4	98.8	98.9	99.1	99.2	99.3	99.4
GE 100	91.5	92.8	93.8	95.0	96.2	96.4	97.3	97.8	97.9	98.4	98.9	98.9	99.2	99.2	99.5	99.8
GE 000	91.5	92.8	93.8	95.0	96.2	96.4	97.3	97.8	97.9	98.4	98.9	98.9	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.9	67.1	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 20000	69.8	70.0	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 18000	70.2	70.4	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 16000	70.2	70.4	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 14000	70.2	70.4	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 12000	70.5	70.8	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 10000	71.8	72.0	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 9000	72.2	72.4	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 8000	73.9	74.1	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000	74.4	74.6	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 6000	74.7	74.9	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 5000	75.4	75.6	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4500	76.8	77.0	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 4000	77.3	77.5	78.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3500	77.5	77.8	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3000	78.3	78.6	79.4	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 2500	81.4	82.0	83.1	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2000	82.6	83.2	84.5	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1800	82.7	83.3	84.7	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1500	84.7	85.5	87.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1200	86.5	87.3	89.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	86.9	87.8	90.0	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 900	87.8	89.0	91.3	92.5	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 800	88.0	89.1	91.4	92.7	93.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 700	88.1	89.2	91.6	92.9	93.4	93.5	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.3	94.3
GE 600	88.8	90.0	92.6	93.9	94.4	94.5	94.8	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.3	95.3
GE 500	89.0	90.5	93.2	94.5	95.1	95.3	95.6	96.0	96.0	96.2	96.5	96.5	96.5	96.5	96.6	96.6
GE 400	89.0	90.5	93.4	94.7	95.4	95.9	96.3	96.8	96.8	97.1	97.3	97.3	97.3	97.3	97.4	97.4
GE 300	89.0	90.5	93.4	94.7	95.5	96.2	97.1	97.6	97.6	98.0	98.3	98.4	98.4	98.4	98.5	98.5
GE 200	89.0	90.5	93.4	94.7	95.5	96.2	97.1	97.6	97.6	98.0	98.3	98.4	98.6	98.6	98.8	98.8
GE 100	89.0	90.5	93.4	94.7	95.5	96.2	97.1	97.6	97.6	98.0	98.3	98.4	98.6	98.7	99.1	99.9
GE 000	89.0	90.5	93.4	94.7	95.5	96.2	97.1	97.6	97.6	98.0	98.3	98.4	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.3	64.5	64.7	64.8	64.9	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.5
GE 20000	67.4	67.6	67.8	68.0	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.6
GE 18000	67.5	67.7	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.7
GE 16000	67.5	67.7	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.7
GE 14000	67.8	68.1	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	69.0
GE 12000	68.0	68.2	68.4	68.5	68.7	8.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.2
GE 10000	68.9	69.1	69.4	69.5	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.2
GE 9000	69.2	69.5	69.7	69.8	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.5
GE 8000	71.3	71.5	71.7	71.8	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.6
GE 7000	72.0	72.3	72.5	72.6	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.3
GE 6000	72.3	72.5	72.7	72.8	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.5
GE 5000	72.7	72.9	73.1	73.2	73.4	73.4	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	74.0
GE 4500	74.1	74.3	74.5	74.6	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.4
GE 4000	74.6	74.8	75.1	75.5	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.2
GE 3500	75.3	75.7	75.9	76.3	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.2
GE 3000	76.2	76.7	76.9	77.3	77.7	77.7	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.3
GE 2500	78.2	78.7	78.9	79.4	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.3
GE 2000	79.4	80.2	80.4	80.9	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.9
GE 1800	80.2	81.1	81.3	81.7	82.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.8
GE 1500	83.1	84.2	84.9	85.6	86.0	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.7
GE 1200	84.9	86.2	87.4	88.2	88.6	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.2
GE 1000	86.3	87.8	89.1	89.9	90.4	90.5	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.2
GE 900	86.9	88.4	89.9	90.6	91.2	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.9
GE 800	87.1	88.6	90.1	91.1	91.6	91.7	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.6
GE 700	87.8	89.5	91.4	92.4	92.9	93.1	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.2
GE 600	88.1	89.7	91.7	92.9	93.4	93.7	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.8
GE 500	88.2	90.0	92.2	93.7	94.2	94.4	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	96.0
GE 400	88.3	90.1	92.3	93.9	94.4	94.6	95.6	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.5
GE 300	88.3	90.3	92.6	94.2	94.7	94.9	96.1	96.6	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.3
GE 200	88.3	90.3	92.6	94.2	94.7	94.9	96.1	96.6	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.4
GE 100	88.3	90.3	92.7	94.3	94.8	95.1	96.2	96.7	96.8	97.0	97.1	97.1	97.2	97.2	98.0	99.4
GE 000	88.3	90.3	92.7	94.3	94.8	95.1	96.2	96.7	96.8	97.0	97.1	97.1	97.2	97.2	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.6	58.7	59.2	59.4	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9
GE 20000	64.0	64.3	64.8	65.1	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6
GE 18000	64.2	64.5	65.1	65.3	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.8
GE 16000	64.2	64.5	65.1	65.3	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.8
GE 14000	64.3	64.6	65.2	65.4	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.9
GE 12000	64.6	64.9	65.5	65.7	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.2
GE 10000	67.1	67.6	68.2	68.4	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.9
GE 9000	67.3	67.8	68.4	68.6	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.1
GE 8000	69.6	70.1	70.9	71.1	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6
GE 7000	70.2	70.8	71.5	71.7	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.3
GE 6000	70.5	71.1	71.8	72.0	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.6
GE 5000	71.1	71.6	72.4	72.6	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.2
GE 4500	72.3	72.8	73.5	73.8	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.4
GE 4000	73.2	73.8	74.6	74.8	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5
GE 3500	73.8	74.3	75.2	75.4	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.0
GE 3000	74.4	74.9	75.8	76.0	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7
GE 2500	75.8	76.6	77.5	77.7	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.4
GE 2000	77.3	78.1	79.1	79.4	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0
GE 1800	78.0	78.7	79.8	80.0	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6
GE 1500	80.1	81.1	82.2	82.6	82.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.5
GE 1200	82.6	84.0	85.2	85.7	86.2	86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.1
GE 1000	83.7	85.1	86.5	87.0	87.5	87.7	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5
GE 900	83.8	85.2	86.6	87.1	87.6	87.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6
GE 800	84.4	85.9	87.3	88.1	88.8	89.0	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	90.1
GE 700	85.3	87.0	88.9	89.7	90.5	90.8	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	92.0
GE 600	85.7	87.4	89.4	90.2	91.1	91.3	92.0	92.3	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.7
GE 500	85.8	87.7	89.8	90.6	91.7	91.9	92.7	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.3
GE 400	86.1	88.1	90.1	91.0	92.2	92.6	93.5	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.4
GE 300	86.1	88.3	90.4	91.3	92.6	93.3	94.5	95.1	95.1	95.3	95.6	95.6	95.9	95.9	96.0	96.2
GE 200	86.1	88.3	90.4	91.3	92.6	93.3	94.5	95.1	95.1	95.3	95.7	95.7	96.3	96.3	96.8	97.5
GE 100	86.1	88.3	90.4	91.3	92.6	93.3	94.5	95.1	95.1	95.3	95.8	95.8	96.6	96.6	97.3	99.4
GE 000	86.1	88.3	90.4	91.3	92.6	93.3	94.5	95.1	95.1	95.3	95.8	95.8	96.6	96.6	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.3	52.5	53.2	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.8
GE 20000	59.2	59.7	60.4	60.6	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.1
GE 18000	60.2	60.8	61.5	61.7	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.2
GE 16000	60.3	60.9	61.6	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.3
GE 14000	61.1	61.7	62.5	62.7	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.1
GE 12000	62.9	63.7	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.1
GE 10000	65.2	65.9	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.3
GE 9000	65.4	66.2	67.0	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.6
GE 8000	67.8	68.9	69.7	69.9	70.1	70.1	70.1	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.4
GE 7000	69.2	70.4	71.2	71.4	71.6	71.6	71.6	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.9
GE 6000	69.9	71.1	71.8	72.0	72.3	72.3	72.3	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.6
GE 5000	70.4	71.7	72.5	72.7	72.9	72.9	72.9	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.2
GE 4500	71.3	72.7	73.4	73.7	74.0	74.1	74.1	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.4
GE 4000	73.0	74.4	75.2	75.4	75.7	75.8	75.8	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.1
GE 3500	73.8	75.3	76.0	76.2	76.6	76.7	76.7	76.7	76.7	76.8	76.9	76.9	76.9	76.9	76.9	77.0
GE 3000	74.3	75.8	76.6	76.8	77.1	77.2	77.2	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.5
GE 2500	75.6	77.3	78.1	78.3	78.6	78.7	78.7	78.7	78.7	78.8	78.9	78.9	78.9	78.9	78.9	79.0
GE 2000	77.6	79.7	80.4	80.8	81.2	81.3	81.3	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.6
GE 1800	78.2	80.2	81.0	81.3	81.9	82.0	82.0	82.0	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.4
GE 1500	79.6	81.6	82.7	83.0	83.8	84.0	84.2	84.2	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.6
GE 1200	81.1	83.3	84.9	85.4	86.1	86.5	86.9	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.4
GE 1000	81.9	84.2	85.8	86.2	87.0	87.3	87.7	87.8	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.3
GE 900	83.0	85.7	87.3	87.7	88.5	88.9	89.5	89.6	89.7	89.8	89.9	89.9	89.9	89.9	89.9	90.0
GE 800	83.2	86.0	87.8	88.3	89.1	89.7	90.2	90.4	90.5	90.8	90.9	90.9	90.9	90.9	90.9	91.0
GE 700	83.4	86.6	89.0	89.6	90.6	91.2	91.8	92.2	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.8
GE 600	83.9	87.1	89.7	90.4	91.6	92.2	92.8	93.1	93.2	93.7	94.0	94.0	94.0	94.0	94.0	94.1
GE 500	83.9	87.2	89.8	90.5	91.7	92.3	92.9	93.4	93.5	94.1	94.4	94.4	94.4	94.4	94.5	94.7
GE 400	83.9	87.2	89.8	90.5	91.9	92.9	93.9	94.6	94.8	95.5	96.1	96.1	96.1	96.1	96.3	96.6
GE 300	83.9	87.2	89.8	90.5	92.2	93.1	94.3	95.4	95.6	96.5	97.3	97.3	97.3	97.3	97.7	98.3
GE 200	83.9	87.2	89.8	90.5	92.2	93.1	94.4	95.5	95.9	96.9	97.7	97.7	97.7	97.7	98.2	99.4
GE 100	83.9	87.2	89.8	90.5	92.2	93.1	94.4	95.5	95.9	96.9	97.7	97.7	97.7	97.7	98.3	100.0
GE 000	83.9	87.2	89.8	90.5	92.2	93.1	94.4	95.5	95.9	96.9	97.7	97.7	97.7	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.7	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 20000	62.3	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 18000	62.9	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 16000	63.0	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 14000	64.0	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 12000	65.3	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 10000	68.1	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 9000	68.1	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 8000	70.6	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 7000	71.9	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 6000	72.7	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 5000	73.9	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4500	74.4	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4000	76.1	77.0	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 3500	77.1	78.0	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3000	77.3	78.2	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 2500	79.4	80.3	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2000	81.9	83.0	83.4	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1800	82.4	83.5	84.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1500	83.8	85.1	85.7	86.0	86.2	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1200	85.6	86.9	87.7	88.2	88.4	88.8	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	86.9	88.6	89.7	90.1	90.6	91.2	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 900	87.6	89.6	90.6	91.1	91.8	92.4	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 800	88.0	89.9	91.1	91.5	92.4	92.9	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 700	88.2	90.1	91.7	92.6	93.5	94.2	95.4	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 600	88.7	90.8	92.5	93.3	95.1	95.7	96.9	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	88.7	90.8	92.6	93.4	95.2	95.9	97.1	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	88.7	90.8	92.6	93.5	95.4	96.3	97.7	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	88.7	90.8	92.6	93.5	95.4	96.3	98.1	99.0	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	88.7	90.8	92.6	93.5	95.4	96.3	98.1	99.0	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	88.7	90.8	92.6	93.5	95.4	96.3	98.1	99.0	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 000	88.7	90.8	92.6	93.5	95.4	96.3	98.1	99.0	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.2	53.7	54.3	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 20000	63.4	64.0	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 18000	64.0	64.5	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 16000	64.0	64.5	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 14000	64.8	65.4	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 12000	66.2	66.8	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 10000	69.1	69.8	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 9000	70.0	70.6	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 8000	72.8	73.4	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 7000	73.7	74.3	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 6000	74.6	75.3	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 5000	76.3	77.0	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4500	77.7	78.4	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4000	79.0	79.7	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3500	80.6	81.5	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3000	81.8	82.8	83.4	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 2500	83.1	84.1	84.9	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	85.2	86.2	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1800	85.4	86.5	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1500	86.7	87.7	88.7	89.0	89.2	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1200	87.3	88.5	89.6	90.0	90.2	90.5	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	88.7	90.1	91.4	91.9	92.6	92.9	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 900	89.4	90.9	92.3	92.8	93.5	93.9	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 800	89.8	91.3	92.9	93.8	94.7	95.2	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	90.0	91.7	93.4	94.6	96.0	96.7	97.4	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	90.1	92.0	93.8	94.9	96.7	97.3	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	90.1	92.0	93.8	94.9	96.8	97.4	98.4	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9
GE 400	90.2	92.2	93.9	95.2	97.0	97.6	98.6	98.7	98.7	99.1	99.2	99.2	99.2	99.4	99.5	99.5
GE 300	90.2	92.2	93.9	95.2	97.0	97.6	98.6	98.8	98.8	99.4	99.5	99.5	99.5	99.6	99.7	99.7
GE 200	90.2	92.2	93.9	95.2	97.0	97.6	98.6	98.8	98.8	99.4	99.5	99.5	99.5	99.6	99.8	99.8
GE 100	90.2	92.2	93.9	95.2	97.0	97.6	98.6	98.8	98.8	99.4	99.5	99.5	99.6	99.7	99.9	100.0
GE 000	90.2	92.2	93.9	95.2	97.0	97.6	98.6	98.8	98.8	99.4	99.5	99.5	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.9	60.3	60.6	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 20000	65.3	65.7	66.0	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 18000	66.3	66.8	67.1	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 16000	66.3	66.8	67.1	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 14000	66.9	67.3	67.6	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	68.3	68.7	69.0	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 10000	70.0	70.4	70.8	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 9000	70.1	70.5	70.9	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 8000	73.4	74.0	74.3	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 7000	74.8	75.4	75.7	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 6000	75.4	75.9	76.5	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 5000	76.5	77.0	77.5	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4500	77.8	78.4	78.9	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4000	78.6	79.2	79.8	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3500	80.3	81.1	81.6	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3000	82.4	83.1	83.7	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2500	84.2	85.1	85.6	86.3	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2000	85.3	86.2	86.8	87.6	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1800	85.6	86.6	87.1	88.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1500	86.3	87.3	88.0	88.9	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1200	87.1	88.1	88.7	89.7	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	87.8	88.9	89.6	90.5	91.2	91.5	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 900	88.8	89.9	90.5	91.6	92.4	92.7	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.2	93.2
GE 800	89.5	90.8	91.5	92.9	94.0	94.5	94.9	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.6	95.6
GE 700	89.6	90.9	91.6	93.4	94.5	95.2	95.7	96.1	96.1	96.3	96.5	96.5	96.5	96.5	96.6	96.6
GE 600	89.9	91.2	91.9	94.0	95.1	95.7	96.5	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.4	97.4
GE 500	89.9	91.2	91.9	94.0	95.1	95.8	96.6	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.8	97.8
GE 400	89.9	91.4	92.2	94.2	95.3	96.0	97.0	97.7	97.7	98.2	98.3	98.3	98.3	98.4	98.5	98.5
GE 300	89.9	91.4	92.2	94.3	95.4	96.2	97.2	98.3	98.3	98.8	99.0	99.0	99.0	99.1	99.4	99.4
GE 200	89.9	91.4	92.2	94.3	95.4	96.2	97.2	98.3	98.3	98.8	99.0	99.0	99.2	99.4	99.6	99.6
GE 100	89.9	91.4	92.2	94.3	95.4	96.2	97.2	98.3	98.3	98.8	99.0	99.0	99.2	99.4	99.8	99.9
GE 000	89.9	91.4	92.2	94.3	95.4	96.2	97.2	98.3	98.3	98.8	99.0	99.0	99.2	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: UG 79 - JUL 89
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.1	64.2	64.6	64.6	64.6	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 20000	69.2	69.4	69.8	69.8	69.8	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 18000	69.6	69.7	70.1	70.1	70.1	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 16000	69.6	69.7	70.1	70.1	70.1	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 14000	69.6	69.7	70.1	70.1	70.1	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 12000	69.9	70.0	70.4	70.4	70.4	70.4	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 10000	71.4	71.5	71.9	71.9	71.9	71.9	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 9000	71.6	71.7	72.2	72.2	72.2	72.2	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 8000	74.3	74.4	74.9	75.2	75.2	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 7000	75.3	75.4	75.9	76.1	76.1	76.1	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 6000	76.1	76.2	77.1	77.4	77.4	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 5000	76.3	76.5	77.3	77.6	77.6	77.6	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	78.5	78.6	79.5	79.8	79.8	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4000	79.4	79.5	80.3	80.6	80.6	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3500	79.6	79.7	80.5	81.0	81.0	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3000	80.5	80.9	81.7	82.3	82.4	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 2500	82.2	82.8	84.1	84.6	84.7	84.7	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000	84.0	84.7	86.2	87.0	87.1	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1800	84.9	85.8	87.3	88.1	88.2	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1500	85.8	87.1	88.9	89.9	90.2	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1200	87.0	88.4	90.2	91.2	91.5	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1000	87.5	88.9	90.8	91.7	92.4	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 900	88.4	89.8	91.6	93.2	94.0	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	88.6	90.0	91.8	93.4	94.2	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 700	88.7	90.2	92.0	93.8	94.6	95.1	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	88.8	90.3	92.4	94.2	95.2	95.6	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	88.9	90.4	92.5	94.3	95.5	96.0	96.3	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 400	89.1	90.6	93.1	95.1	96.2	96.8	97.2	97.7	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 300	89.1	90.6	93.1	95.1	96.5	97.0	97.5	98.4	98.5	98.8	98.8	98.8	98.8	98.9	98.9	98.9
GE 200	89.1	90.6	93.1	95.1	96.5	97.0	97.5	98.4	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.1
GE 100	89.1	90.6	93.1	95.1	96.5	97.0	97.5	98.4	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.2
GE 000	89.1	90.6	93.1	95.1	96.5	97.0	97.5	98.4	98.5	98.8	98.8	98.8	99.0	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.1	59.3	59.8	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2
GE 20000	65.1	65.4	65.8	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
GE 18000	65.6	65.9	66.4	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
GE 16000	65.6	66.0	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.9
GE 14000	66.1	66.4	66.9	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3
GE 12000	67.0	67.3	67.8	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
GE 10000	69.0	69.4	69.8	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3
GE 9000	69.2	69.7	70.1	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6
GE 8000	71.7	72.2	72.7	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
GE 7000	72.7	73.2	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3
GE 6000	73.3	73.8	74.4	74.7	74.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.0
GE 5000	74.1	74.6	75.2	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
GE 4500	75.4	75.9	76.5	76.8	76.9	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.2
GE 4000	76.4	77.0	77.6	77.9	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
GE 3500	77.2	77.9	78.5	78.9	79.0	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.3
GE 3000	78.2	78.9	79.5	79.9	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3
GE 2500	80.0	80.9	81.6	82.0	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5
GE 2000	81.7	82.7	83.5	84.0	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
GE 1800	82.2	83.2	84.1	84.6	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1
GE 1500	83.8	84.9	86.0	86.7	87.0	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5
GE 1200	85.3	86.6	87.9	88.6	89.0	89.2	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7
GE 1000	86.2	87.7	89.1	89.8	90.4	90.7	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3
GE 900	87.0	88.5	90.0	90.8	91.5	91.7	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 800	87.3	89.0	90.5	91.5	92.2	92.6	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5
GE 700	87.6	89.4	91.2	92.4	93.3	93.7	94.3	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.9
GE 600	88.0	89.8	91.7	93.0	94.1	94.5	95.2	95.4	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.9
GE 500	88.1	90.0	92.0	93.3	94.4	94.9	95.6	96.0	96.1	96.3	96.4	96.4	96.4	96.4	96.5	96.6
GE 400	88.2	90.1	92.2	93.5	94.7	95.3	96.2	96.8	96.8	97.2	97.3	97.3	97.3	97.3	97.4	97.5
GE 300	88.2	90.2	92.2	93.6	94.9	95.6	96.7	97.4	97.4	97.9	98.2	98.2	98.2	98.3	98.4	98.5
GE 200	88.2	90.2	92.2	93.6	94.9	95.6	96.7	97.4	97.5	98.0	98.2	98.2	98.4	98.4	98.7	99.0
GE 100	88.2	90.2	92.3	93.6	94.9	95.6	96.7	97.4	97.5	98.0	98.3	98.3	98.5	98.5	98.9	99.8
GE 000	88.2	90.2	92.3	93.6	94.9	95.6	96.7	97.4	97.5	98.0	98.3	98.3	98.5	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.6	64.2	64.6	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
GE 20000	71.6	72.3	72.7	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3
GE 18000	71.9	72.6	73.0	73.2	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6
GE 16000	72.0	72.7	73.1	73.3	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 14000	72.6	73.3	73.7	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
GE 12000	74.1	74.8	75.2	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8
GE 10000	76.7	77.4	77.9	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5
GE 9000	77.1	77.8	78.3	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9
GE 8000	79.0	79.8	80.3	80.5	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
GE 7000	79.7	80.5	81.0	81.2	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7
GE 6000	80.3	81.1	81.6	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3
GE 5000	81.4	82.3	82.8	83.0	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5
GE 4500	82.3	83.2	83.8	84.0	84.2	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
GE 4000	83.8	84.7	85.3	85.6	85.8	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3500	84.9	85.9	86.5	86.8	87.0	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4
GE 3000	86.3	87.4	88.1	88.4	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE 2500	87.4	88.5	89.2	89.6	89.9	89.9	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
GE 2000	88.5	89.7	90.5	90.9	91.2	91.3	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 1800	88.9	90.1	90.9	91.3	91.6	91.7	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	90.0	91.2	92.1	92.6	93.0	93.1	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.5
GE 1200	90.7	92.1	93.0	93.6	94.0	94.1	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000	91.3	92.7	93.7	94.3	94.9	95.0	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5
GE 900	91.6	93.1	94.1	94.8	95.3	95.5	95.7	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 800	91.8	93.3	94.5	95.1	95.8	96.0	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.6
GE 700	92.0	93.6	94.8	95.6	96.3	96.5	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2
GE 600	92.1	93.8	95.0	95.8	96.7	96.9	97.2	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.7
GE 500	92.2	93.9	95.2	96.1	97.1	97.3	97.8	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3
GE 400	92.3	94.0	95.4	96.3	97.3	97.6	98.1	98.4	98.5	98.6	98.8	98.8	98.8	98.8	98.9	98.9
GE 300	92.3	94.0	95.4	96.3	97.4	97.7	98.3	98.7	98.7	99.0	99.1	99.2	99.3	99.3	99.3	99.4
GE 200	92.3	94.0	95.4	96.3	97.4	97.7	98.3	98.7	98.8	99.1	99.3	99.3	99.4	99.4	99.6	99.7
GE 100	92.3	94.0	95.4	96.3	97.4	97.7	98.4	98.7	98.8	99.1	99.3	99.3	99.5	99.5	99.7	99.9
GE 000	92.3	94.0	95.4	96.3	97.4	97.7	98.4	98.7	98.8	99.1	99.3	99.3	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 87666

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	39.7	22.2	12.0	24.1	2.0	38.2	1.8	930
03-05	40.3	19.6	11.6	26.0	2.5	40.1	2.5	930
06-08	22.8	34.4	17.5	21.7	3.5	42.8	1.7	930
09-11	12.0	38.7	23.5	23.7	2.0	49.2	2.3	930
12-14	10.5	38.8	25.6	24.6	.4	50.6	2.8	930
15-17	11.6	39.5	25.1	23.5	.3	48.9	1.7	930
18-20	19.2	38.5	18.9	23.0	.3	42.3	1.6	930
21-23	33.0	27.8	14.6	22.4	1.3	38.3	1.3	930
ALL HOURS	23.0	32.0	18.0	23.0	1.0	43.0	1.0	7440

MONTH: FEB HOURS: ALL

00-02	32.7	25.0	13.2	26.9	2.2	42.3	1.9	849
03-05	33.8	20.1	12.5	30.3	3.3	46.1	2.2	849
06-08	18.7	30.4	18.4	28.0	4.5	50.9	3.1	849
09-11	12.5	29.8	21.6	32.7	3.4	57.7	5.1	849
12-14	9.3	33.3	22.1	34.5	.7	57.4	3.5	849
15-17	8.2	34.6	26.9	29.1	1.2	57.1	1.8	849
18-20	11.4	37.6	25.3	24.3	1.4	51.0	1.4	849
21-23	26.5	30.6	14.1	27.0	1.8	42.9	.8	849
ALL HOURS	19.2	30.2	19.3	29.1	2.3	50.7	2.5	5792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	30.6	27.7	17.2	23.7	.8	41.6	1.9	930
03-05	32.8	24.0	16.8	25.3	1.2	43.2	1.8	930
06-08	14.6	34.5	24.3	24.4	2.2	50.9	4.4	930
09-11	14.5	33.2	25.4	28.1	.8	52.3	3.4	930
12-14	10.8	35.9	27.8	25.5		53.3	1.5	930
15-17	8.1	36.7	29.2	26.0		55.3	2.3	930
18-20	11.5	37.2	27.7	23.4	.1	51.3	2.4	930
21-23	23.3	33.4	20.2	22.5	.5	43.2	1.4	930
ALL HOURS	18.0	32.0	23.0	24.0	.0	48.0	2.0	7440

MONTH: APR HOURS: ALL

00-02	36.6	28.6	15.7	18.9	.3	34.9	1.8	900
03-05	34.4	29.4	17.7	18.1	.3	36.1	1.8	900
06-08	13.2	43.1	24.7	18.4	.6	43.7	3.4	900
09-11	17.4	36.7	27.3	18.6		45.9	1.7	900
12-14	12.8	41.4	29.4	16.0	.3	45.8	.6	900
15-17	10.0	42.9	31.6	15.0	.6	47.1	1.6	900
18-20	13.1	41.6	31.9	12.8	.7	45.3	2.2	900
21-23	30.9	35.6	16.4	16.7	.4	33.6	1.9	900
ALL HOURS	21.1	37.4	24.3	16.8	.4	41.5	1.9	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 79 JUL 89
MONTH: MAY HOUR: 0000

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL Obs
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	26.6	33.9	15.6	23.4	.5	39.6	1.0	40.1
03-05	22.2	32.4	22.3	22.6	.6	45.5	1.0	46.1
06-08	8.7	35.6	34.3	20.5	.9	55.7	5.2	43.8
09-11	10.1	35.5	33.9	20.5		54.4	1.0	43.4
12-14	7.3	42.8	31.9	17.8	.1	49.9	1.0	40.9
15-17	4.7	45.6	35.1	14.6		49.7	1.3	40.0
18-20	9.8	39.0	34.9	16.2		51.2	1.0	40.2
21-23	21.1	33.1	22.3	23.4	.1	45.8	1.3	47.1
ALL HOURS	13.0	37.0	28.0	19.0	.0	48.0	4.0	52.0

MONTH: JUN HOUR: 0000

00-02	28.1	34.3	18.6	18.7	.3	37.6	1.0	40.1
03-05	20.9	35.7	26.1	17.3		43.4	1.2	44.6
06-08	8.9	36.2	39.2	15.7		54.9	1.0	40.9
09-11	9.6	40.0	38.9	11.6		50.4	1.0	40.4
12-14	5.8	45.4	41.7	7.1		48.6	1.0	40.6
15-17	5.6	48.1	41.1	5.2		46.5	1.0	40.5
18-20	7.1	49.0	36.6	7.3		43.9	1.0	40.9
21-23	17.3	43.4	24.1	15.1		39.2	1.0	40.2
ALL HOURS	12.9	41.5	33.3	12.3	.0	45.5	1.0	46.5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST			
00-02	45.1	30.9	15.2	8.9	24.1	1.0	930
03-05	34.8	37.7	18.5	8.9	27.4	2.3	930
06-08	16.0	51.0	26.7	6.3	33.0	7.4	930
09-11	19.1	47.6	27.1	6.1	33.2	6.0	930
12-14	5.8	63.4	28.4	2.4	30.8	5.5	930
15-17	5.4	70.5	22.3	1.8	24.1	3.3	930
18-20	9.1	69.5	19.5	1.9	21.5	2.5	927
21-23	32.8	48.2	13.5	5.5	19.0	1.4	927
ALL HOURS	21.0	52.0	21.0	5.0	26.0	3.0	7434

MONTH: AUG HOURS: ALL

00-02	37.0	35.5	18.3	9.2		27.5	.4	930
03-05	33.0	38.8	16.9	11.2	.1	28.2	.8	930
06-08	11.2	53.8	27.0	8.0	.1	35.1	2.7	930
09-11	16.0	54.3	21.6	8.1		29.7	3.3	930
12-14	5.8	64.6	22.7	6.9		29.6	1.8	930
15-17	4.1	64.2	27.7	4.0		31.7	1.5	930
18-20	8.2	56.9	28.8	6.1		34.9	.6	930
21-23	26.3	44.6	20.1	8.9		29.0	.2	930
ACL HOURS	17.7	51.6	22.9	7.8	.0	30.7	1.4	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	34.8	36.3	14.7	14.2		28.9	.6	900
03-05	36.1	30.7	16.1	16.9	.2	33.2	.7	900
06-08	13.6	46.9	25.8	13.3	.4	39.6	1.4	900
09-11	17.7	42.	24.8	15.6		40.3	1.1	900
12-14	14.8	47.1	25.6	12.6		38.1	.8	900
15-17	12.3	48.9	28.3	10.3	.1	38.8	.4	900
18-20	17.7	48.7	23.9	9.8		33.7	.7	900
21-23	32.2	39.6	16.4	11.8		28.2	.2	900
ALL HOURS	22.0	42.0	21.0	13.0	.0	35.0	.0	7200

MONTH: OCT HOURS: ALL

00-02	39.4	24.4	17.2	18.5	.5	36.2	2.8	930
03-05	35.9	24.1	16.6	21.6	1.8	40.0	4.6	930
06-08	17.2	36.9	23.1	19.6	3.2	45.9	5.5	930
09-11	15.8	35.9	25.7	21.5	1.1	48.3	5.7	930
12-14	15.8	38.7	25.5	20.0		45.5	3.1	930
15-17	15.9	42.9	27.2	13.9	.1	41.2	1.4	930
18-20	21.6	41.6	22.3	14.3	.2	36.8	.6	930
21-23	35.8	28.9	18.6	16.7		35.3	.5	930
ALL HOURS	24.7	34.2	22.0	18.3	.9	41.1	3.0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	40.3	22.8	14.0	21.4	1.4	36.9	1.3	900
03-05	39.2	21.3	12.7	24.3	2.4	39.4	1.7	900
06-08	21.9	30.7	24.0	21.6	1.9	47.4	3.7	900
09-11	15.3	37.0	23.2	23.7	.8	47.7	2.7	900
12-14	16.1	37.4	22.4	23.8	.2	46.4	1.6	900
15-17	15.9	38.9	25.7	19.4	.1	45.2	2.0	900
18-20	24.1	35.6	21.0	18.8	.6	40.3	1.2	900
21-23	37.4	25.1	15.7	21.1	.7	37.4	1.2	900
ALL HOURS	26.0	31.0	19.0	21.0	1.0	42.0	1.0	7200

MONTH: DEC HOURS: ALL

00-02	38.2	25.6	9.4	25.3	1.6	36.2	1.6	930
03-05	40.0	21.6	7.2	28.6	2.6	38.4	2.2	930
06-08	22.2	33.2	13.9	26.8	4.0	44.6	1.4	930
09-11	12.5	33.0	24.6	27.0	2.9	54.5	3.2	930
12-14	12.5	32.4	25.8	28.8	.5	55.2	2.7	930
15-17	12.8	32.9	28.1	25.4	.9	54.3	1.4	930
18-20	22.5	32.4	19.8	23.8	1.6	45.2	1.3	930
21-23	37.3	22.6	12.6	26.2	1.3	40.1	1.2	930
ALL HOURS	24.7	29.2	17.7	26.5	1.9	46.1	1.9	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	35.8	28.9	15.1	19.4	.8	35.3	1.3	10959
03-05	33.6	28.0	16.2	20.9	1.3	38.4	1.9	10959
06-08	15.7	38.9	24.9	18.6	1.8	45.3	3.5	10959
09-11	14.4	38.7	26.3	19.7	.9	46.9	3.2	10959
12-14	10.6	43.5	27.4	18.2	.2	45.9	2.3	10959
15-17	9.5	45.6	29.0	15.6	.3	44.9	1.8	10959
18-20	14.6	44.0	25.9	15.1	.4	41.4	1.5	10956
21-23	29.6	34.4	17.4	18.1	.5	36.0	1.0	10956
ALL HOURS	20.5	37.8	22.8	18.2	.8	41.7	2.1	87666

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CCCCC
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED.

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, WET BULB TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4302-4503,5309-8907
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 115						.1							.0
GE 110						.5							.1
GE 105				.1	.2	2.1	6.5	6.1	.1				1.3
GE 100			.1	.4	1.5	10.0	32.5	30.0	4.2				6.6
GE 95			.2	2.3	7.9	32.8	64.9	56.2	19.3	.6			15.3
GE 90		.3	2.0	7.9	22.8	61.3	85.1	79.5	42.3	6.9	.1		25.6
GE 85		1.0	6.9	19.4	42.3	81.2	94.9	91.3	61.9	19.1	1.0	.2	34.8
GE 80	.3	2.9	12.1	36.1	64.3	92.0	98.0	97.5	75.8	36.6	4.7	.4	43.3
GE 75	2.0	8.7	21.4	52.7	81.5	96.8	99.6	99.0	87.1	54.0	15.4	1.5	51.6
GE 70	5.9	16.1	35.9	68.9	91.8	99.0	100.0	99.7	94.5	73.5	27.9	7.0	59.9
GE 65	13.6	24.9	51.3	82.9	96.6	99.7		100.0	97.6	86.7	44.4	15.9	67.8
GE 60	24.5	38.8	62.4	92.1	98.7	100.0			98.5	93.5	58.9	29.5	74.7
GE 55	38.3	51.5	74.9	97.5	99.6				99.6	97.2	72.8	44.7	81.3
GE 50	52.0	64.2	85.4	99.2	99.9				100.0	98.8	84.6	62.0	87.2
GE 45	65.4	74.2	92.3	99.4	100.0					99.7	92.6	75.3	91.6
GE 40	75.7	84.4	96.4	99.9						100.0	96.6	84.4	94.8
GE 35	84.5	91.4	98.7	100.0							99.6	92.4	97.2
GE 33	87.5	92.9	99.0								99.8	94.3	97.8
GE 30	90.1	95.7	99.3								99.9	96.0	98.4
GE 25	95.8	98.8	99.9								100.0	98.7	99.4
GE 20	98.6	99.9	100.0									99.5	99.8
GE 15	99.7	100.0										99.7	100.0
GE 10	100.0											100.0	100.0
MEAN	49.3	54.6	64.0	74.9	82.2	90.8	96.0	95.0	86.1	75.3	61.9	52.3	73.5
SD	13.71	14.13	13.36	10.61	9.01	7.61	6.41	7.13	9.54	9.92	11.45	12.03	19.36
TOTAL OBS	1178	1102	1209	1140	1177	1139	1178	1147	1133	1177	1140	1178	13898

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4302-4503,5309-8907
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80						.4	2.2	1.3	.3				.4
GE 75				.2	.4	9.2	29.5	25.5	2.2				5.6
GE 70				.4	5.2	45.2	82.1	72.9	23.8	1.0			19.2
GE 65				2.8	25.1	78.9	97.8	93.2	51.2	5.5			29.5
GE 60			1.2	14.3	55.0	94.3	99.8	98.7	73.3	18.1	1.0		37.9
GE 55	.4	.3	4.3	32.9	78.7	99.2	100.0	99.9	90.6	38.8	4.8	.3	45.7
GE 50	.7	2.1	13.2	53.4	91.5	99.9			97.3	63.6	12.5	1.2	52.9
GE 45	2.0	6.0	27.0	74.6	97.5	100.0		100.0	99.4	83.2	27.2	4.2	60.0
GE 40	6.3	18.1	48.9	89.8	99.8				99.9	94.1	48.9	11.2	68.0
GE 35	18.0	37.7	70.2	96.8	100.0				100.0	99.2	69.8	28.1	76.6
GE 33	25.8	46.9	77.5	97.8						99.4	78.2	38.4	80.3
GE 30	41.8	59.5	85.4	99.1						99.7	89.6	57.3	86.0
GE 25	63.9	80.3	94.6	100.0						100.0	96.4	80.5	93.0
GE 20	81.4	92.4	98.0								99.1	93.2	97.0
GE 15	90.2	97.5	99.0								99.9	96.8	98.6
GE 10	96.3	99.1	99.8								100.0	99.1	99.5
GE 5	98.6	99.9	100.0									99.9	99.9
GE 0	99.7	100.0										100.0	100.0
GE -5	100.0												100.0
MEAN	26.9	31.6	39.1	50.2	59.6	68.3	72.5	71.5	63.8	52.2	39.4	30.5	50.4
SD	9.14	8.64	9.08	8.39	6.73	5.13	3.71	4.31	6.91	7.84	8.52	7.88	17.54
TOTAL OBS	1178	1102	1209	1140	1177	1139	1178	1147	1133	1177	1140	1178	13898

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4302-4503,5309-8907
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95						.2	.2	.2					.0
GE 90				.1	.2	2.4	12.0	11.1	.6				2.2
GE 85				.1	1.6	21.6	55.5	46.6	8.2				11.1
GE 80				1.5	11.5	55.8	86.2	78.7	32.3	1.0			22.2
GE 75			.6	8.4	33.6	82.4	97.2	94.5	58.0	8.8			31.8
GE 70			3.5	22.5	61.3	94.9	99.9	98.9	77.8	25.2	.8		40.3
GE 65	.1	1.1	10.3	42.4	82.8	98.7	100.0	99.8	91.4	48.2	6.5	.3	48.4
GE 60	1.1	5.4	22.9	66.7	93.9	100.0		100.0	96.9	72.0	18.8	1.3	56.5
GE 55	4.1	14.4	40.6	82.0	98.1				98.9	88.6	35.6	6.9	64.1
GE 50	13.7	28.4	59.6	94.5	99.5				99.9	95.6	55.4	17.6	72.0
GE 45	23.9	47.2	76.9	98.6	100.0				100.0	99.0	74.2	39.1	80.3
GE 40	50.5	65.3	88.3	99.4						99.9	90.3	62.6	88.0
GE 35	68.2	80.6	95.4	99.9						100.0	96.6	80.6	93.4
GE 33	73.1	84.8	96.4	100.0							97.9	84.7	94.7
GE 30	80.1	89.7	98.2								98.9	90.7	96.5
GE 25	89.2	95.7	99.3								100.0	95.8	98.3
GE 20	94.7	98.9	99.8									98.4	99.3
GE 15	98.0	99.8	100.0									99.6	99.8
GE 10	99.6	100.0										99.8	99.9
GE 5	100.0											100.0	100.0
MEAN	38.3	43.3	51.7	62.8	71.2	79.8	84.5	83.5	75.2	64.0	50.9	41.6	62.2
SD	10.45	10.35	10.12	8.47	7.12	5.85	4.54	5.19	7.49	7.80	8.98	8.97	18.03
TOTAL OBS	1178	1102	1209	1140	1177	1139	1178	1147	1133	1177	1140	1178	13898

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4302-4503, 5309-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		81	85	92	98	100	105	113	100	89	79	61	113*
44	74	75	80	89	99	103	104	10	99	88	86	66	110
45	70	72	88										88*
53									104*	94	72	70	104*
54	75	87	88	98	90	101	109	106	102	98	81	86	109
55	65	82	90	97	98	100	101	105	97	88	82	87	105
56	77	86	94	94	98	105	105	105	102	96	81	81	105
57	77	84	81	87	88	104	106	104	97	91	82	73	106
58	66	73	71	92	102	108	103	105	98	93	79	71	108
59	72	80	92	100	100	101	98	103	104	87	76	72	104
60	70	75	90	94	96	105	104	103	100	89	79	68	105
61	67	77	85	96	95	103	101	101	103	88	77	69	103
62	73	91	89	91	95	94	104	109	97	93	75	69	109
63	72	83	91	97	101	100	109	105	103	94	83	68	109
64	75	63	86	92	95	101	109	110	102	92	83	77	110
65	79	78	81	90	89	95	103	101	102	94	85	72	103
66	68	66	88	87	103	103	104	105	90	92	83	81	105
67	84	78	95	92	103	99	104	102	93	90	82	70	104
68	69	66	82	92	96	103	98	102	96	93	77	67	103
69	79	76	83	88	97	105	103	109	97	93	81	83	109
70	76	82	79	91	97	105	105	106	104	91	89	76	106
71	72	75	102	94	97	102	107	102	97	87	80	73	107
72	77	90	90	105	95	109	101	99	101	96	74	68	109
73	64	71	75	88	101	102	103	108	93	91	86	76	108
74	76	78	94	88	102	106	109	102	96	85	78	71	109
75	68	72	85	89	92	101	97	96	94	90	80	75	101
76	71	82	91	86	91	99	99	104	92	88	76	73	104
77	59	78	88	85	91	100	105	101	106	91	82	73	106
78	74	65	88	90	95	103	105	103	100	94	80	76	105
79	54	68	82	85	99	103	103	96	93	97	78	70	103
80	73	78	82	86	97	113	111	107	97	89	89	77	113

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
-LST TO UTC: +06

PERIOD OF RECORD: 4302-4503,5309-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	73	89	88	88	92	103	108	102	100	92	83	79	108
82	80	85	91	96	92	96	101	105	100	94	80	72	105
83	72	75	85	92	97	98	107	106	104	93	78	69	107
84	69	77	83	94	101	105	107	107	103	90	83	73	107
85	61	71	86	87	105	100	104	107	104	88	84	70	107
86	84	86	89	96	102	100	108	106	93	86	74	62	108
87	67	79	82	96	101	103	104	104	94	96	81	74	104
88	73	82	91	95	96	116	104	109	100	96	92	79	116
89	84	74	95	101	107	97	111						111*
.....													
GREATEST	84	91	102	105	107	116	111	113	106	98	92	87	116
.....													
TOTAL OBS	1178	1102	1209	1140	1177	1139	1178	1147	1133	1177	1140	1178	13898

THE GREATEST VALUE OF 116 OCCURRED ON 06/08/88

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4302-4503 5309-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		21	9	41	45	64	67	60	51	33	28	11	9*
44	7	16	18	35	41	61	64	59	50	38	20	20	7
45	20	12	25										12*
53									57*	37	26	14	14*
54	10	25	21	29	38	56	72	70	55	32	30	10	10
55	20	15	19	37	54	49	70	63	56	35	19	19	15
56	16	18	21	32	55	63	68	56	55	43	20	20	16
57	15	25	28	26	45	55	70	66	53	28	23	16	15
58	21	8	24	37	48	57	65	64	51	42	22	13	8
59	-	15	23	32	54	64	66	67	49	36	15	2+	2
60	14	11	8	36	40	63	64	62	54	35	27	21	8
61	12	21	30	36	44	57	66	57	49	40	29	10	10
62	0	10	11	27	46	58	69	54	49	40	30	17	0
63	0	18	23	42	47	64	68	62	45	44	26	12	0
64	6	20	23	32	49	50	63	63	47	39	20	13	6
65	18	11	14	40	48	60	61	61	48	39	23	26	11
66	-4	14	22	34	41	58	71	55	50	35	23	10	-4
67	8	17	12	40	40	60	65	56	43	37	29	20	8
68	8	17	24	33	49	58	64	60	51	35	26	7	7
69	12	21	19	38	44	55	70	68	55	36	21	20	12
70	10	17	24	26	41	51	58	64	50	32	18	17	10
71	6	3	20	27	44	64	60	59	46	42	28	28	3
72	7	14	24	35	52	58	64	66	42	37	29	11	7
73	-4	23	35	30	45	58	65	64	50	41	29	16	-4
74	10	20	26	31	51	57	65	65	49	42	20	18	10
75	14	14	24	25	48	56	64	66	44	36	16	11	11
76	7	18	24	31	44	58	64	61	46	29	14	9	7
77	1	23	28	33	52	59	67	66	52	40	32	14	1
78	11	10	16	39	38	58	65	59	53	37	31	14	10
79	9	11	30	31	41	52	65	58	51	39	22	14	9
80	17	9	9	34	47	63	70	66	51	29	25	19	9

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4302-4503,5309-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	23	7	33	39	45	57	69	62	45	36	31	20	7
82	10	15	21	35	44	55	65	67	54	37	25	21	10
83	25	24	28	33	46	53	65	72	40	46	28	2	2
84	4	23	25	36	41	62	67	69	35	40	31	23	4
85	10	7	33	43	55	59	66	68	43	44	22	9	7
86	17	7	29	44	52	63	67	61	55	36	21	28	7
87	5	30	24	31	56	58	63	58	54	36	26	11	5
88	-4	9	25	36	48	60	62	61	51	43	23	18	-4
89	20	7	16	34	47	54	62						7*
LEAST	-4	3	8	25	38	49	58	54	35	28	14	2	-4
TOTAL OBS	1178	1102	1209	1140	1177	1139	1178	1147	1133	1177	1140	1178	13898

THE LEAST VALUE OF -4 OCCURRED ON 01/22/66

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4302-4503,5309-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43		48	47	66	67	81	86	88	75	63	50	39	65*
44	41	46	50	60	72	82	83	84	74	64	52	39	62
45	40	42	55										46*
53									80*	66	51	42	58*
54	41	53	50	67	66	82	90	88	81	67	54	44	65
55	41	43	52	67	74	77	85	84	78	64	49	42	63
56	41	44	54	62	76	84	86	85	79	69	50	46	65
57	38	49	50	59	68	72	87	85	73	61	47	46	62
58	43	39	44	59	73	82	84	85	77	65	53	40	62
59	37	44	53	62	74	80	81	84	76	60	46	46	62
60	38	38	44	65	70	81	82	82	78	66	53	40	62
61	39	44	54	62	72	76	82	81	73	64	47	39	61
62	34	47	50	59	75	76	83	84	73	66	51	43	62
63	31	43	55	67	74	80	87	85	78	71	53	35	63
64	40	40	50	66	73	80	88	86	74	63	52	43	63
65	43	42	43	65	72	77	85	81	75	63	56	47	63
66	32	39	55	59	70	80	87	79	72	61	54	38	61
67	41	42	57	67	68	80	81	80	71	63	50	40	62
68	40	39	53	61	68	80	80	81	73	65	49	39	61
69	41	44	43	63	70	79	87	85	76	60	51	43	62
70	34	45	45	61	71	80	85	85	77	60	48	45	62
71	38	42	52	63	72	83	86	79	74	65	51	44	62
72	38	46	58	69	73	83	82	82	77	63	46	37	63
73	34	43	55	59	71	80	84	84	73	67	54	42	62
74	38	47	58	64	77	80	87	81	68	65	51	40	63
75	41	38	48	59	70	78	79	80	69	64	51	43	60
76	39	51	53	62	66	78	81	83	72	56	44	39	60
77	32	47	54	62	71	81	85	82	78	67	53	42	63
78	30	32	50	65	68	79	86	80	76	64	52	39	60
79	30	37	52	59	67	76	82	79	74	66	47	43	59
80	40	42	51	59	70	85	90	87	76	62	52	46	63

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4302-4503,5309-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	42	45	55	66	69	80	86	82	76	63	54	44	64
82	41	42	54	61	71	77	84	85	77	65	52	44	63
83	41	44	52	58	69	77	86	88	79	66	54	30	62
84	36	46	50	60	74	84	86	85	74	64	52	44	63
85	34	41	55	66	74	80	85	87	77	65	49	37	63
86	45	47	58	66	72	80	86	83	77	63	48	43	64
87	38	50	52	63	75	80	84	84	74	63	52	42	63
88	36	43	53	62	73	83	85	87	76	63	55	47	64
89	47	36	54	67	71	75	81						62*
.....													
MEAN	38.3	43.3	51.7	62.8	71.2	79.8	84.5	83.5	75.2	64.0	50.9	41.6	62.2
.....													
TOTAL OBS	1178	1102	1209	1140	1177	1139	1178	1147	1133	1177	1140	1178	13898
.....													

NOTE: *THE VAUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	34.3	8.858	930	0	382	0	0	0	930
03-05	32.7	8.661	930	0	453	0	0	0	930
06-08	31.5	8.746	930	3	509	0	0	0	930
09-11	37.6	10.128	930	0	263	1	0	0	930
12-14	46.4	12.562	930	0	130	57	1	0	930
15-17	49.3	13.510	930	0	96	128	7	0	930
18-20	42.3	11.037	930	0	164	20	0	0	930
21-23	37.4	9.571	930	0	261	0	0	0	930
ALL HOURS	39.0	12.106	7440	3	2258	206	8	0	7440

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	38.3	10.596	849	0	226	2	0	0	849
03-05	36.3	10.062	849	0	287	0	0	0	849
06-08	35.1	9.947	849	0	323	0	0	0	849
09-11	41.4	11.751	849	0	172	17	0	0	849
12-14	49.1	14.499	849	0	123	137	8	0	849
15-17	52.3	15.598	849	0	108	204	27	0	849
18-20	46.7	13.327	849	0	130	85	2	0	849
21-23	41.5	11.211	849	0	184	16	0	0	849
ALL HOURS	42.6	13.602	6792	0	1553	461	37	0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	47.3	9.616	930	0	59	35	0	0	930
03-05	44.9	9.531	930	0	82	15	0	0	930
06-08	44.0	9.465	930	0	80	10	0	0	930
09-11	52.2	10.570	930	0	23	113	1	0	930
12-14	60.4	12.078	930	0	11	354	58	0	930
15-17	63.4	12.644	930	0	6	446	104	3	930
18-20	57.7	11.185	930	0	12	264	22	0	930
21-23	51.1	9.605	930	0	37	75	0	0	930
ALL HOURS	52.6	12.585	7440	0	310	1312	185	3	7440

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	56.0	8.860	900	0	0	165	3	0	900
03-05	53.1	8.442	900	0	0	86	0	0	900
06-08	53.4	8.344	900	0	1	96	0	0	900
09-11	63.3	9.643	900	0	0	406	43	0	900
12-14	70.9	10.970	900	0	0	628	216	10	900
15-17	73.6	11.287	900	0	0	696	305	38	900
18-20	68.1	10.584	900	0	0	566	137	3	900
21-23	60.1	9.204	900	0	0	289	14	0	900
ALL HOURS	62.3	12.274	7200	0	1	2932	718	51	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL CBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	65.3	6.979	930	0	0	509	15	0	930
03-05	62.6	6.622	930	0	0	378	2	0	930
06-08	64.0	6.814	930	0	0	468	4	0	930
09-11	72.7	7.607	930	0	0	788	192	1	930
12-14	78.9	8.767	930	0	0	888	446	48	930
15-17	81.1	9.170	930	0	0	899	525	103	930
18-20	76.5	8.867	930	0	0	863	347	32	930
21-23	69.2	7.412	930	0	0	675	72	0	930
ALL HOURS	71.3	10.224	7440	0	0	5468	1603	184	7440

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL CBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	73.2	5.899	900	0	0	833	127	0	900
03-05	70.5	5.195	900	0	0	773	23	0	900
06-08	71.9	5.611	900	0	0	804	77	0	900
09-11	80.6	7.363	900	0	0	885	533	41	900
12-14	87.1	8.222	900	0	0	896	743	204	900
15-17	89.2	8.607	900	0	0	899	789	323	900
18-20	85.3	8.411	900	0	0	892	684	148	900
21-23	77.7	6.543	900	0	0	882	357	13	900
ALL HOURS	79.5	9.831	7200	0	0	6864	3333	749	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	78.7	4.518	930	0	0	930	420	0	930
03-05	75.1	4.030	930	0	0	921	119	0	930
06-08	76.3	4.724	930	0	0	924	233	0	930
09-11	86.5	6.056	930	0	0	930	815	139	930
12-14	93.4	6.333	930	0	0	930	912	554	930
15-17	95.9	6.188	930	0	0	930	921	671	930
18-20	92.0	6.365	927	0	0	927	900	442	927
21-23	83.5	4.856	927	0	0	927	738	15	927
ALL HOURS	85.2	9.258	7434	0	0	7419	5058	1821	7434

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	77.7	5.149	930	0	0	920	378	0	930
03-05	74.6	4.611	930	0	0	902	115	0	930
06-08	75.1	4.879	930	0	0	902	178	0	930
09-11	85.1	6.631	930	0	0	925	740	117	930
12-14	92.7	7.172	930	0	0	930	875	544	930
15-17	94.7	7.438	930	0	0	930	893	626	930
18-20	89.6	7.578	930	0	0	929	826	359	930
21-23	81.9	5.984	930	0	0	929	635	17	930
ALL HOURS	83.9	9.690	7440	0	0	7367	4640	1663	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	70.0	7.503	900	0	0	701	63	0	900
03-05	67.0	7.214	900	0	0	596	12	0	900
06-08	66.7	7.431	900	0	0	593	9	0	900
09-11	76.1	8.804	900	0	0	813	352	11	900
12-14	83.4	9.901	900	0	0	855	636	134	900
15-17	85.4	10.065	900	0	0	861	671	217	900
18-20	79.8	9.283	900	0	0	847	493	54	900
21-23	73.2	7.976	900	0	0	781	195	0	900
ALL HOURS	75.2	10.914	7200	0	0	6047	2431	416	7200

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	58.5	8.022	930	0	0	206	1	0	930
03-05	56.0	8.012	930	0	2	141	0	0	930
06-08	55.5	8.032	930	0	3	127	0	0	930
09-11	64.0	8.172	930	0	0	444	30	0	930
12-14	71.3	9.245	930	0	0	713	179	3	930
15-17	73.3	9.876	930	0	0	761	255	14	930
18-20	66.6	8.862	930	0	0	556	82	1	930
21-23	61.3	8.190	930	0	0	312	11	0	930
ALL HOURS	63.3	10.642	7440	0	5	3260	558	18	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	46.5	9.606	900	0	54	33	0	0	900
03-05	44.4	9.390	900	0	91	19	0	0	900
06-08	43.4	9.491	900	0	121	13	0	0	900
09-11	50.8	10.367	900	0	22	98	0	0	900
12-14	58.5	11.949	900	0	4	302	29	0	900
15-17	60.2	12.215	900	0	6	351	45	0	900
18-20	53.0	10.269	900	0	17	144	0	0	900
21-23	48.4	9.577	900	0	43	38	0	0	900
ALL HOURS	50.7	11.906	7200	0	358	998	74	0	7200

MONTH: DEC

00-02	37.3	9.798	930	0	239	0	0	0	930
03-05	35.6	9.721	930	0	315	0	0	0	930
06-08	34.4	9.905	930	0	376	0	0	0	930
09-11	40.0	10.823	930	0	188	4	0	0	930
12-14	48.0	12.931	930	0	111	92	0	0	930
15-17	50.2	13.377	930	0	89	139	0	0	930
18-20	43.3	10.709	930	0	132	12	0	0	930
21-23	39.4	9.762	930	0	203	1	0	0	930
ALL HOURS	41.0	12.209	7440	0	1653	248	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	57.0	17.474	10959	0	960	4334	1007	0	10959
03-05	54.5	16.879	10959	0	1230	3831	271	0	10959
06-08	54.4	17.697	10959	3	1413	3937	501	0	10959
09-11	62.6	19.434	10959	0	668	5424	2706	309	10959
12-14	70.1	19.744	10959	0	379	6782	4103	1497	10959
15-17	72.5	19.851	10959	0	305	7244	4542	1995	10959
18-20	66.8	19.909	10956	0	455	6105	3493	1059	10956
21-23	60.5	18.188	10956	0	728	4925	2022	45	10956
ALL HOURS	62.3	19.785	87666	3	6138	42582	18645	4905	87666

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	30.9	7.867	930	542	8	0	0	0	930
03-05	29.7	7.946	930	590	5	0	0	0	930
06-08	28.8	8.091	930	652	7	0	0	0	930
09-11	33.1	8.581	930	417	16	0	0	0	930
12-14	38.1	9.224	930	240	69	0	0	0	930
15-17	39.5	9.349	930	205	119	0	0	0	930
18-20	35.8	8.628	930	303	34	0	0	0	930
21-23	32.9	8.206	930	428	21	0	0	0	930
ALL HOURS	33.6	9.237	7440	3377	279	0	0	0	7440

MONTH: FEB

00-02	34.6	9.938	849	334	55	0	0	0	849
03-05	33.2	9.739	849	388	38	0	0	0	849
06-08	32.3	9.694	849	424	34	0	0	0	849
09-11	36.5	10.373	849	268	75	0	0	0	849
12-14	40.8	10.980	849	195	207	0	0	0	849
15-17	42.3	11.062	849	174	250	0	0	0	849
18-20	39.6	10.611	849	213	163	0	0	0	849
21-23	36.7	9.999	849	265	84	0	0	0	849
ALL HOURS	37.0	10.837	6792	2261	906	0	0	0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 72 - JUL 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	42.7	9.078	930	112	201	0	0	0	930
03-05	41.1	9.288	930	138	155	0	0	0	930
06-08	40.5	9.408	930	162	147	0	0	0	930
09-11	45.2	9.298	930	74	291	7	0	0	930
12-14	49.3	9.016	930	30	474	19	0	0	930
15-17	50.5	8.758	930	19	540	25	0	0	930
18-20	48.1	8.710	930	37	418	10	0	0	930
21-23	45.0	8.659	930	64	254	1	0	0	930
ALL HOURS	45.3	9.672	7440	636	2480	62	0	0	7440

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	50.1	8.537	900	9	453	18	0	0	900
03-05	48.2	8.478	900	18	379	1	0	0	900
06-08	48.5	8.444	900	14	383	5	0	0	900
09-11	53.6	8.452	900	0	589	61	1	0	900
12-14	56.6	8.352	900	0	687	121	17	0	900
15-17	57.4	8.056	900	0	724	116	19	0	900
18-20	55.6	8.179	900	0	657	79	2	0	900
21-23	52.3	8.257	900	1	544	38	0	0	900
ALL HOURS	52.8	8.976	7200	42	4416	439	39	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	59.4	6.536	930	0	849	126	16	0	930
03-05	58.0	6.653	930	0	825	97	3	0	930
06-08	58.9	6.582	930	0	850	121	5	0	930
09-11	62.5	6.119	930	0	910	259	39	0	930
12-14	64.4	5.943	930	0	921	366	65	0	930
15-17	64.8	5.640	930	0	926	380	75	0	930
18-20	63.6	5.890	930	0	921	304	48	1	930
21-23	61.3	6.348	930	0	882	196	26	0	930
ALL HOURS	61.6	6.645	7440	0	7084	1849	277	1	7440

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	66.8	4.723	900	0	900	527	75	0	900
03-05	65.6	4.692	900	0	900	445	37	0	900
06-08	66.6	4.756	900	0	900	491	78	0	900
09-11	69.9	4.784	900	0	900	693	322	1	900
12-14	71.7	4.656	900	0	900	772	472	11	900
15-17	71.8	4.417	900	0	900	781	465	14	900
18-20	70.6	4.342	900	0	900	740	344	3	900
21-23	68.6	4.393	900	0	900	637	159	0	900
ALL HOURS	69.0	5.138	7200	0	7200	5086	1952	29	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	69.0	3.180	930	0	930	717	94	0	930
03-05	67.9	3.345	930	0	930	652	48	0	930
06-08	68.8	3.397	930	0	930	720	115	0	930
09-11	72.6	2.762	930	0	930	890	518	4	930
12-14	73.7	2.717	930	0	930	904	679	4	930
15-17	73.7	2.775	930	0	930	912	652	8	930
18-20	72.3	2.886	927	0	927	882	459	0	927
21-23	70.1	3.238	927	0	927	807	220	0	927
ALL HOURS	71.0	3.755	7434	0	7434	6484	2785	16	7434

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	68.6	3.394	930	0	930	718	69	0	930
03-05	67.6	3.429	930	0	930	634	32	0	930
06-08	68.1	3.525	930	0	930	662	71	0	930
09-11	72.0	3.396	930	0	930	857	470	1	930
12-14	73.5	3.126	930	0	930	896	650	5	930
15-17	73.3	2.993	930	0	930	899	624	10	930
18-20	71.7	3.153	930	0	930	869	410	3	930
21-23	69.7	3.336	930	0	930	781	169	0	930
ALL HOURS	70.6	4.012	7440	0	7440	6316	2495	21	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	62.5	6.901	900	0	857	314	9	0	900
03-05	61.1	7.030	900	0	847	267	1	0	900
06-08	61.2	7.282	900	0	838	266	4	0	900
09-11	65.4	7.218	900	0	866	451	122	0	900
12-14	67.5	6.905	900	0	874	572	247	0	900
15-17	67.5	6.518	900	0	875	570	205	0	900
18-20	65.6	6.528	900	0	873	471	85	0	900
21-23	63.5	6.815	900	0	864	361	28	0	900
ALL HOURS	64.3	7.337	7200	0	6894	3272	701	0	7200

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	52.7	8.109	930	2	609	38	0	0	930
03-05	51.4	8.418	930	8	541	26	2	0	930
06-08	51.1	8.437	930	9	515	25	0	0	930
09-11	55.6	7.645	930	1	709	72	4	0	930
12-14	58.6	7.341	930	0	825	149	15	0	930
15-17	59.0	7.259	930	0	844	164	26	0	930
18-20	56.5	7.662	930	1	742	90	6	0	930
21-23	54.2	7.978	930	2	668	53	0	0	930
ALL HOURS	54.9	8.339	7440	23	5453	617	53	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	42.1	9.285	900	132	183	3	0	0	900
03-05	40.7	9.344	900	184	152	6	0	0	900
06-08	40.0	9.422	900	206	133	2	0	0	900
09-11	44.5	9.096	900	80	250	5	0	0	900
12-14	48.0	9.018	900	41	384	10	0	0	900
15-17	48.5	8.888	900	25	399	12	0	0	900
18-20	45.2	8.705	900	57	272	0	0	0	900
21-23	43.0	8.971	900	103	208	0	0	0	900
ALL HOURS	44.0	9.557	7200	828	1981	38	0	0	7200

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	33.9	9.218	930	380	41	0	0	0	930
03-05	32.7	9.297	930	453	35	0	0	0	930
06-08	31.8	9.519	930	521	32	0	0	0	930
09-11	35.8	9.710	930	301	55	0	0	0	930
12-14	40.3	10.095	930	185	137	0	0	0	930
15-17	41.3	9.984	930	171	172	0	0	0	930
18-20	37.7	9.138	930	232	63	0	0	0	930
21-23	35.3	8.850	930	307	35	0	0	0	930
ALL HOURS	36.1	10.028	7440	2550	570	0	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH	TEMPERATURES DEG F	TOTAL		
				LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	51.2	15.522	10959	1511	6016	2461	263	0	10959
03-05	49.9	15.623	10959	1779	5737	2128	123	0	10959
06-08	49.8	16.244	10959	1988	5699	2292	273	0	10959
09-11	54.0	16.015	10959	1141	6521	3295	1476	6	10959
12-14	57.0	14.975	10959	691	7338	3809	2145	20	10959
15-17	57.5	14.463	10959	594	7609	3859	2066	34	10959
18-20	55.3	15.065	10956	843	6900	3445	1354	7	10956
21-23	52.8	15.302	10956	1170	6317	2874	602	0	10956
ALL HOURS	53.4	15.670	87666	9717	52137	24163	8302	67	87666

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEL F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	24.4	9.833	930	544	70	930	0	930
03-05	23.8	9.928	930	570	65	929	0	930
06-08	23.0	9.970	930	619	56	927	0	930
09-11	25.4	10.418	930	503	105	927	0	930
12-14	26.3	10.394	930	469	121	927	0	930
15-17	26.0	10.446	930	493	139	927	0	930
18-20	25.8	10.421	930	499	145	927	0	930
21-23	25.2	10.161	930	508	101	927	0	930
ALL HOURS	25.0	10.273	7440	4205	802	7421	0	7440

MONTH: FEB

00-02	28.4	12.780	849	369	229	845	0	849
03-05	27.6	12.627	849	390	197	846	0	849
06-08	26.9	12.505	849	423	175	844	0	849
09-11	29.1	13.160	849	359	243	837	0	849
12-14	29.9	13.197	849	342	270	835	0	849
15-17	29.8	12.946	849	349	264	837	0	849
18-20	29.7	13.129	849	348	268	839	0	849
21-23	29.3	12.786	849	348	263	844	0	849
ALL HOURS	28.8	12.940	6792	2928	1909	6727	0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	36.9	11.310	930	170	468	879	0	930
03-05	36.2	11.325	930	186	430	878	0	930
06-08	35.7	11.525	930	205	406	871	0	930
09-11	37.1	12.101	930	192	474	865	6	930
12-14	37.5	12.159	930	187	497	858	5	930
15-17	37.3	11.934	930	184	474	864	3	930
18-20	37.6	11.874	930	165	494	873	7	930
21-23	37.7	11.310	930	141	504	871	1	930
ALL HOURS	37.0	11.731	7440	1430	3747	6959	22	7440

MONTH: APR

00-02	44.3	10.530	900	44	663	743	19	900
03-05	43.2	10.598	900	66	637	768	6	900
06-08	43.4	10.662	900	57	655	746	9	900
09-11	44.7	11.567	900	69	667	706	25	900
12-14	44.3	12.088	900	73	634	704	31	900
15-17	43.6	11.989	900	84	613	729	25	900
18-20	44.6	11.636	900	68	650	722	31	900
21-23	45.0	10.642	900	42	677	731	20	900
ALL HOURS	44.1	11.266	7200	503	5196	5849	166	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	55.0	8.278	930	1	918	439	105	930
03-05	54.6	8.006	930	0	910	464	96	930
06-08	55.1	8.124	930	1	909	433	102	930
09-11	55.5	8.698	930	3	900	403	103	930
12-14	54.8	9.210	930	7	898	424	124	930
15-17	54.0	9.456	930	6	896	466	113	930
18-20	54.8	9.198	930	4	899	430	114	930
21-23	55.7	8.519	930	3	916	412	125	930
ALL HOURS	54.9	8.743	7440	25	7246	3471	882	7440

MONTH: JUN

00-02	63.2	5.701	900	0	900	87	441	900
03-05	62.8	5.466	900	0	900	95	406	900
06-08	63.6	5.588	900	0	900	87	441	900
09-11	64.4	6.037	900	0	900	79	491	900
12-14	64.0	6.268	900	0	900	94	499	900
15-17	62.9	6.410	900	0	900	128	433	900
18-20	62.9	6.449	900	0	900	115	422	900
21-23	63.7	5.655	900	0	900	82	455	900
ALL HOURS	63.4	6.025	7200	0	7200	767	3588	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	63.7	4.955	930	0	930	52	451	930
03-05	63.9	4.470	930	0	930	44	454	930
06-08	64.8	4.377	930	0	930	24	501	930
09-11	65.9	4.512	930	0	930	23	626	930
12-14	64.1	5.443	930	0	930	67	472	930
15-17	62.4	5.820	930	0	930	121	355	930
18-20	62.2	5.995	927	0	927	129	351	927
21-23	63.0	5.545	927	0	927	87	401	927
ALL HOURS	63.7	5.337	7434	0	7434	547	3611	7434

MONTH: AUG

00-02	63.6	4.784	930	0	930	66	428	930
03-05	63.7	4.608	930	0	930	64	443	930
06-08	64.3	4.430	930	0	930	51	503	930
09-11	65.6	4.423	930	0	930	28	598	930
12-14	64.2	4.808	930	0	930	42	466	930
15-17	62.5	5.084	930	0	930	77	348	930
18-20	62.6	5.277	930	0	930	68	351	930
21-23	63.2	5.014	930	0	930	62	394	930
ALL HOURS	63.7	4.950	7440	0	7440	458	3531	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	57.4	8.871	900	3	874	330	229	900
03-05	57.1	8.742	900	0	877	339	211	900
06-08	57.4	8.712	900	1	880	343	241	900
09-11	58.8	9.230	900	1	879	294	309	900
12-14	58.2	9.409	900	6	880	301	275	900
15-17	56.7	9.483	900	7	878	358	204	900
18-20	56.7	9.461	900	8	872	375	212	900
21-23	57.1	9.134	900	6	873	340	225	900
ALL HOURS	57.4	9.186	7200	32	7013	2680	1906	7200

MONTH: OCT

00-02	47.4	10.720	930	31	754	680	40	930
03-05	47.0	10.642	930	35	750	694	35	930
06-08	46.8	10.526	930	23	754	701	31	930
09-11	48.3	11.095	930	21	764	651	54	930
12-14	48.1	11.607	930	38	747	643	55	930
15-17	47.5	11.644	930	47	738	669	52	930
18-20	47.8	11.418	930	38	745	664	60	930
21-23	47.8	10.926	930	28	762	675	49	930
ALL HOURS	47.6	11.108	7440	261	6014	5377	376	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	36.4	11.418	900	189	394	833	4	900
03-05	35.8	11.328	900	213	379	835	6	900
06-08	35.3	11.365	900	228	360	833	5	900
09-11	37.2	11.450	900	174	434	823	0	900
12-14	36.6	11.997	900	202	425	827	0	900
15-17	35.8	12.062	900	224	416	846	1	900
18-20	36.1	11.446	900	196	406	845	0	900
21-23	36.2	11.492	900	188	411	838	0	900
ALL HOURS	36.2	11.601	7200	1614	3225	6680	16	7200

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	28.2	11.299	930	410	182	920	0	930
03-05	27.4	11.252	930	438	153	918	0	930
06-08	26.8	11.390	930	485	148	917	0	930
09-11	29.2	11.579	930	366	214	912	0	930
12-14	30.1	11.579	930	343	251	911	0	930
15-17	29.9	11.476	930	360	255	915	0	930
18-20	29.7	11.143	930	358	231	919	0	930
21-23	28.7	10.883	930	399	200	920	0	930
ALL HOURS	28.8	11.400	7440	3159	1634	7332	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	45.8	17.074	10959	1761	7312	6804	1717	10959
03-05	45.3	17.249	10959	1898	7158	6874	1657	10959
06-08	45.3	17.733	10959	2042	7103	6777	1833	10959
09-11	46.8	17.581	10959	1688	7440	6548	2212	10959
12-14	46.6	17.135	10959	1667	7483	6633	1927	10959
15-17	45.8	16.755	10959	1754	7433	6937	1534	10959
18-20	45.9	16.699	10956	1684	7467	6906	1548	10956
21-23	46.1	16.872	10956	1663	7464	6789	1670	10956
ALL HOURS	46.0	17.148	87666	14157	58860	54268	14098	87666

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	99.4	98.6	95.4	84.7	68.4	43.5	22.6	7.5	66.8	930
03-05	100.0	100.0	98.8	95.9	88.3	72.3	50.8	25.9	8.7	69.0	930
06-08	100.0	100.0	99.2	95.9	89.7	76.9	53.7	28.5	10.4	70.2	930
09-11	100.0	100.0	96.7	88.3	73.8	54.6	35.4	18.0	5.3	61.9	930
12-14	100.0	97.4	82.8	62.0	40.6	24.4	14.5	7.0	1.5	47.6	930
15-17	99.7	93.1	72.2	50.4	32.8	18.6	12.4	5.6	1.0	43.0	930
18-20	100.0	98.4	89.7	75.4	56.6	36.8	20.6	8.1	2.2	53.4	930
21-23	100.0	99.4	96.9	90.5	76.1	55.1	32.8	15.2	4.0	61.7	930
ALL HOURS	100.0	98.5	91.9	81.7	67.8	50.9	33.0	16.3	5.1	61.7	7440

MONTH: FEB

00-02	100.0	99.5	97.6	93.4	84.7	70.8	49.1	26.9	9.0	67.9	849
03-05	100.0	99.8	97.9	95.6	89.3	76.2	56.5	30.6	10.5	70.6	849
06-08	100.0	100.0	98.2	96.2	90.3	79.3	59.2	33.7	12.0	71.6	849
09-11	100.0	99.2	95.2	88.8	74.8	57.4	39.3	20.0	8.6	62.9	849
12-14	100.0	95.3	82.9	65.3	48.4	31.4	19.6	11.7	4.9	50.7	849
15-17	100.0	91.3	73.1	56.1	37.8	26.1	17.1	8.7	3.2	45.9	849
18-20	100.0	96.2	87.3	73.3	55.9	40.5	24.6	12.5	5.1	54.2	849
21-23	100.0	98.8	95.9	89.2	75.4	57.8	39.5	19.0	6.5	63.0	849
ALL HOURS	100.0	97.5	91.0	82.2	69.6	54.9	38.1	20.4	7.5	63.0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.9	98.8	94.1	86.1	72.5	50.1	27.1	9.2	68.4	930
03-05	100.0	100.0	99.4	96.9	91.6	79.9	58.6	34.1	11.8	72.2	930
06-08	100.0	100.0	100.0	97.8	92.2	82.4	59.8	37.2	13.8	73.0	930
09-11	100.0	99.7	94.9	84.0	63.7	45.2	28.6	17.7	6.1	58.6	930
12-14	100.0	95.2	78.3	55.2	36.7	23.3	14.9	9.0	3.5	46.2	930
15-17	100.0	90.8	67.1	45.8	30.4	19.8	12.7	6.1	2.6	42.1	930
18-20	100.0	96.2	83.9	67.7	48.3	30.4	19.6	10.0	4.1	50.6	930
21-23	100.0	99.0	96.3	89.4	76.2	56.0	33.3	17.6	7.2	62.1	930
ALL HOURS	100.0	97.6	89.8	78.9	65.6	51.2	34.7	19.9	7.3	62.1	7440

MONTH: APR

00-02	100.0	100.0	99.2	96.7	87.9	65.9	42.0	20.8	6.3	66.2	900
03-05	100.0	99.8	99.4	97.0	91.3	77.8	53.4	31.6	8.9	70.3	900
06-08	100.0	99.8	99.2	97.2	91.9	76.0	52.4	30.6	10.7	70.2	900
09-11	100.0	99.7	91.8	74.9	54.7	34.8	18.8	8.4	4.2	53.3	900
12-14	100.0	94.2	71.2	47.1	28.8	14.9	6.9	4.4	1.9	41.5	900
15-17	100.0	88.7	62.8	36.3	20.8	11.6	5.9	2.7	.6	37.4	900
18-20	100.0	95.9	81.8	58.6	37.3	22.9	12.6	5.6	1.4	46.0	900
21-23	100.0	99.2	97.9	90.9	69.4	47.8	26.9	13.4	4.7	59.5	900
ALL HOURS	100.0	97.2	87.9	74.8	60.3	43.9	27.4	14.7	4.8	59.5	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY

HOURS LS*	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.1	97.7	93.2	80.0	57.5	31.4	9.2	71.0	930
03-05	100.0	100.0	100.0	99.5	98.0	89.6	73.2	42.4	12.6	75.7	930
06-08	100.0	100.0	99.5	98.4	95.6	85.2	67.4	39.5	12.4	74.1	930
09-11	100.0	99.1	95.9	86.9	66.2	43.7	24.0	9.8	2.2	57.2	930
12-14	100.0	96.1	84.2	63.3	41.6	21.1	10.6	3.9	1.1	46.7	930
15-17	99.9	93.1	76.3	52.3	32.3	17.0	9.1	4.1	.8	42.9	930
18-20	99.9	96.0	87.5	69.5	51.3	32.4	18.0	6.2	1.8	50.8	930
21-23	100.0	99.8	97.7	94.0	81.7	63.2	40.0	18.1	3.9	64.3	930
ALL HOURS	100.0	98.0	92.5	82.7	70.0	54.0	37.5	19.4	5.5	64.3	7440

MONTH: JUN

00-02	100.0	100.0	99.7	99.0	93.7	84.6	62.4	29.0	8.1	72.2	900
03-05	100.0	100.0	100.0	99.9	98.9	93.1	79.4	46.8	13.7	77.4	900
06-08	100.0	100.0	100.0	100.0	97.1	91.1	73.7	42.6	10.9	75.9	900
09-11	100.0	100.0	99.2	91.4	76.9	51.2	24.0	7.3	2.2	59.8	900
12-14	100.0	98.7	91.0	75.3	44.7	18.0	6.7	3.1	.7	48.5	900
15-17	100.0	97.3	85.9	62.2	32.3	11.7	6.3	2.8	.6	44.2	900
18-20	100.0	98.0	91.4	74.3	49.0	25.9	11.0	3.8	1.1	49.9	900
21-23	100.0	99.9	99.2	94.4	83.0	63.7	37.2	13.2	3.3	63.9	900
ALL HOURS	100.0	99.2	95.8	87.1	71.9	54.9	37.6	18.6	5.1	63.9	7200

OPERATING LOCATION "A"
USA ETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	96.1	81.0	54.3	26.7	9.8	1.6	61.4	930
03-05	100.0	100.0	100.0	99.4	94.7	80.3	47.5	20.6	4.1	69.2	930
06-08	100.0	100.0	100.0	99.0	94.1	77.3	46.8	18.8	4.4	68.6	930
09-11	100.0	100.0	96.8	83.5	54.3	26.7	11.8	3.5	1.3	52.2	930
12-14	100.0	98.5	80.6	44.4	20.3	8.5	3.2	.6	.2	40.1	930
15-17	100.0	93.8	63.5	29.0	12.5	4.2	1.3	.4		35.2	930
18-20	100.0	97.3	75.1	42.3	21.8	9.2	3.9	1.4	.4	39.5	927
21-23	100.0	100.0	98.3	79.5	51.3	26.4	11.9	4.5	1.3	51.8	927
ALL HOURS	100.0	98.7	89.3	71.7	53.8	35.9	19.1	7.5	1.7	51.8	7434

MONTH: AUG

00-02	100.0	100.0	100.0	97.0	82.8	58.4	31.0	14.3	4.2	63.3	930
03-05	100.0	100.0	100.0	98.7	95.2	80.8	50.2	22.4	7.0	69.8	930
06-08	100.0	100.0	100.0	99.7	96.1	80.0	50.0	21.5	7.2	70.0	930
09-11	100.0	100.0	98.8	86.5	58.4	30.9	13.4	4.9	.5	53.9	930
12-14	100.0	99.0	83.3	47.1	21.6	9.4	3.9	1.7	.4	41.2	930
15-17	100.0	97.5	64.7	30.8	14.7	6.5	3.2	1.3	.1	36.6	930
18-20	100.0	98.9	82.7	50.0	28.3	15.7	7.4	2.6	.6	43.2	930
21-23	100.0	100.0	98.9	87.5	59.4	34.5	18.6	7.3	1.4	55.2	930
ALL HOURS	100.0	99.4	91.1	74.7	57.1	39.5	22.2	9.5	2.7	55.2	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.8	96.7	85.4	64.1	40.7	22.4	6.2	66.0	900
03-05	100.0	100.0	100.0	98.9	92.7	81.6	56.3	31.9	11.8	71.7	900
06-08	100.0	100.0	100.0	99.6	96.6	85.2	61.1	30.7	10.6	73.0	900
09-11	100.0	100.0	98.4	87.4	64.4	41.8	22.3	9.1	2.0	57.0	900
12-14	100.0	98.8	84.8	57.2	35.0	18.4	8.7	4.1	.7	45.1	900
15-17	100.0	95.9	70.7	45.2	24.9	14.6	8.1	3.7	.8	40.8	900
18-20	100.0	98.8	85.9	62.8	42.7	26.9	14.3	6.8	1.0	48.4	900
21-23	100.0	100.0	98.7	87.8	66.4	47.1	29.8	14.4	3.7	59.3	900
ALL HOURS	100.0	99.2	92.3	79.4	63.5	47.5	30.2	15.4	4.6	59.3	7200

MONTH: OCT

00-02	100.0	100.0	99.1	94.8	85.7	66.6	49.5	31.8	11.9	68.5	930
03-05	100.0	100.0	99.7	98.5	91.6	78.4	61.0	38.0	17.5	72.9	930
06-08	100.0	100.0	100.0	98.5	92.6	81.3	63.3	41.5	16.6	73.8	930
09-11	100.0	99.7	94.6	81.7	67.3	49.4	32.9	20.8	7.6	60.0	930
12-14	100.0	95.7	78.3	60.3	41.3	28.5	17.1	8.0	2.9	47.7	930
15-17	100.0	91.9	70.5	51.2	35.2	23.9	13.8	5.9	1.8	44.1	930
18-20	100.0	98.3	89.2	71.7	54.9	41.8	27.1	12.5	5.2	54.6	930
21-23	100.0	100.0	97.6	89.6	74.4	57.3	41.4	23.8	8.5	63.6	930
ALL HOURS	100.0	98.2	91.1	80.8	67.9	53.4	38.3	22.8	9.0	63.6	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.7	94.4	86.8	72.6	50.7	28.8	9.7	68.9	900
03-05	100.0	100.0	100.0	98.0	91.4	80.2	59.6	34.3	12.6	72.1	900
06-08	100.0	100.0	99.9	98.6	91.9	83.7	62.8	36.1	14.4	73.3	900
09-11	100.0	99.8	95.9	88.0	71.2	53.9	36.6	20.3	6.3	61.8	900
12-14	100.0	94.3	81.4	57.9	41.1	27.2	16.2	9.8	3.6	47.6	900
15-17	100.0	92.1	70.8	50.1	33.4	22.3	13.0	6.9	2.6	43.8	900
18-20	100.0	99.1	92.8	77.0	58.4	40.2	24.6	12.1	4.0	55.2	900
21-23	100.0	99.7	97.9	90.1	79.7	60.7	39.7	22.0	7.4	64.3	900
ALL HOURS	100.0	98.1	92.3	81.8	69.3	55.1	37.9	21.3	7.6	64.3	7200

MONTH: DEC

00-02	100.0	99.9	99.0	95.6	88.8	72.7	52.5	29.7	9.8	69.6	930
03-05	100.0	100.0	100.0	97.8	92.2	79.4	56.8	32.7	13.1	71.8	930
06-08	100.0	100.0	100.0	98.8	93.9	82.7	61.3	35.7	14.5	73.3	930
09-11	100.0	99.9	98.8	94.1	81.9	63.2	42.5	24.7	9.1	66.0	930
12-14	100.0	98.8	88.9	73.3	49.7	32.2	21.0	11.0	4.6	52.4	930
15-17	99.9	96.3	82.7	62.7	40.4	28.8	17.2	9.1	2.6	48.5	930
18-20	100.0	99.6	95.5	86.9	72.0	50.1	31.6	14.6	5.2	60.0	930
21-23	100.0	99.7	97.4	93.9	84.7	64.5	45.8	23.3	7.0	66.2	930
ALL HOURS	100.0	99.3	95.3	87.9	75.5	59.2	41.1	22.6	8.2	66.2	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	99.9	99.2	95.9	86.7	69.2	46.3	24.5	7.7	67.5	10959
03-05	100.0	100.0	99.6	98.0	92.9	80.8	58.6	32.6	11.0	71.9	10959
06-08	100.0	100.0	99.7	98.3	93.5	81.7	59.3	33.0	11.5	72.3	10959
09-11	100.0	99.8	96.4	86.3	67.3	46.0	27.4	13.7	4.6	58.7	10959
12-14	100.0	96.9	82.3	59.0	37.4	21.4	11.9	6.2	2.2	46.2	10959
15-17	100.0	93.5	71.7	47.6	28.9	17.0	10.0	4.8	1.4	42.0	10959
18-20	100.0	97.7	86.9	67.4	48.0	31.0	17.9	8.0	2.7	50.5	10956
21-23	100.0	99.6	97.7	89.7	73.1	52.8	33.0	16.0	4.9	61.2	10956
ALL HOURS	100.0	98.4	91.7	80.3	66.0	50.0	33.0	17.3	5.7	58.8	87666

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PPPPPPPPPP	AAAAAAAA	RRRRRRRRRR	TTTTTTTTTTT	FFFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPPPP	AA AA	RRRRRRRRRR	TT	FFFFFFF
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	FFFFFFF
PP	AAAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	1021.5	1019.3	1014.5	1013.2	1011.6	1012.3	1013.6	1013.7	1014.8	1016.8	1017.6	1021.2	1015.8
	SD	8.137	8.994	8.297	7.496	5.726	4.117	3.103	3.251	5.155	6.290	8.134	8.464	7.477
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0300	MEAN	1021.2	1019.0	1014.3	1012.9	1011.3	1012.0	1013.6	1013.6	1014.8	1016.6	1017.4	1020.9	1015.6
	SD	8.182	9.098	8.328	7.488	5.748	4.167	3.094	3.277	5.102	6.343	8.061	8.601	7.488
	TOT OBS	31	283	310	300	310	300	310	310	300	310	300	310	3653
0600	MEAN	1021.3	1019.2	1014.8	1013.7	1012.2	1012.9	1014.4	1014.3	1015.6	1017.3	1017.8	1021.0	1016.2
	SD	8.197	8.981	8.496	7.487	5.766	4.186	3.093	3.315	5.017	6.363	8.045	8.641	7.386
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0900	MEAN	1022.7	1020.7	1016.2	1014.9	1013.1	1013.8	1015.3	1015.2	1016.7	1018.5	1019.2	1022.2	1017.4
	SD	8.250	8.886	8.651	7.546	5.800	4.120	3.095	3.312	5.057	6.378	8.147	8.668	7.483
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1200	MEAN	1022.5	1020.6	1015.6	1014.3	1012.5	1013.1	1014.6	1014.6	1016.0	1017.8	1018.5	1021.8	1016.8
	SD	8.423	8.807	8.727	7.571	5.726	4.163	3.131	3.361	5.133	6.380	8.256	8.779	7.581
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1500	MEAN	1019.8	1018.0	1013.2	1012.2	1010.7	1011.4	1012.8	1012.6	1013.9	1015.6	1016.3	1019.6	1014.6
	SD	8.361	8.611	8.620	7.448	5.664	4.116	3.048	3.352	5.140	6.228	8.179	8.646	7.399
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1800	MEAN	1020.2	1018.0	1012.7	1011.4	1009.6	1010.2	1011.6	1011.6	1013.2	1015.5	1016.6	1020.2	1014.2
	SD	8.163	8.508	8.533	7.501	5.573	4.110	2.992	3.363	5.223	6.255	8.059	8.323	7.583
	TOT OBS	310	283	310	300	310	300	309	310	300	310	300	310	3652
2100	MEAN	1021.2	1019.2	1014.0	1012.7	1010.9	1011.4	1012.7	1012.9	1014.6	1016.6	1017.6	1021.3	1015.4
	SD	8.211	8.654	8.314	7.394	5.561	4.116	3.049	3.318	5.174	6.319	8.118	8.223	7.538
	TOT OBS	310	283	310	300	310	300	309	310	300	310	300	310	3652
ALL HOURS	MEAN	1021.3	1019.2	1014.4	1013.2	1011.5	1012.1	1013.6	1013.5	1015.0	1016.8	1017.6	1021.0	1015.8
	SD	8.295	8.870	8.568	7.564	5.790	4.273	3.277	3.496	5.233	6.394	8.173	8.582	7.556
	TOT OBS	2480	2264	2480	2400	2480	2400	2478	2480	2400	2480	2400	2480	29222

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	30.15	30.09	29.97	29.94	29.91	29.94	29.99	29.99	30.01	30.05	30.05	30.14	30.02
	SD	.229	.249	.234	.12	.163	.118	.089	.093	.144	.178	.229	.237	.204
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0300	MEAN	30.14	30.08	29.96	29.94	29.90	29.93	29.99	29.99	30.01	30.05	30.05	30.13	30.01
	SD	.230	.251	.235	.212	.164	.120	.089	.093	.143	.179	.227	.240	.204
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0600	MEAN	30.14	30.08	29.97	29.96	29.92	29.96	30.01	30.00	30.03	30.06	30.06	30.13	30.03
	SD	.231	.249	.240	.213	.164	.120	.088	.095	.140	.180	.228	.242	.202
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0900	MEAN	30.18	30.12	30.01	29.99	29.95	29.98	30.04	30.03	30.06	30.10	30.10	30.17	30.06
	SD	.234	.248	.245	.215	.166	.119	.089	.095	.142	.180	.231	.243	.205
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1200	MEAN	30.18	30.13	30.00	29.97	29.94	29.97	30.02	30.02	30.05	30.08	30.08	30.16	30.05
	SD	.238	.245	.247	.216	.164	.119	.090	.096	.143	.181	.234	.246	.207
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1500	MEAN	30.10	30.05	29.93	29.92	29.88	29.91	29.97	29.96	29.98	30.02	30.02	30.10	29.99
	SD	.236	.239	.244	.213	.162	.118	.087	.096	.144	.177	.232	.242	.203
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1800	MEAN	30.11	30.05	29.91	29.89	29.85	29.88	29.93	29.93	29.96	30.01	30.02	30.11	29.97
	SD	.230	.237	.242	.212	.159	.118	.086	.096	.146	.177	.229	.234	.206
	TOT OBS	310	283	310	300	310	300	309	310	300	310	300	310	3652
2100	MEAN	30.13	30.08	29.95	29.93	29.89	29.91	29.96	29.96	30.00	30.04	30.05	30.14	30.00
	SD	.232	.241	.235	.210	.159	.118	.087	.095	.144	.179	.229	.231	.205
	TOT OBS	310	283	310	300	310	300	309	310	300	310	300	310	3652
ALL HOURS	MEAN	30.14	30.09	29.96	29.94	29.91	29.94	29.99	29.98	30.01	30.05	30.05	30.13	30.02
	SD	.234	.246	.242	.215	.165	.123	.094	.100	.146	.181	.231	.240	.206
	TOT OBS	2480	2264	2480	2400	2480	2400	2478	2480	2400	2480	2400	2480	29222

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	28.67	28.62	28.50	28.48	28.45	28.48	28.52	28.52	28.54	28.58	28.58	28.67	28.55
	SD	.220	.239	.225	.204	.156	.113	.086	.089	.138	.171	.220	.228	.196
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0300	MEAN	28.67	28.61	28.49	28.47	28.44	28.47	28.52	28.52	28.54	28.58	28.58	28.66	28.55
	SD	.221	.241	.226	.204	.157	.115	.086	.090	.137	.172	.217	.230	.196
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0600	MEAN	28.66	28.61	28.51	28.49	28.46	28.49	28.54	28.54	28.56	28.59	28.58	28.66	28.56
	SD	.222	.240	.230	.204	.158	.115	.086	.091	.134	.173	.219	.232	.194
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0900	MEAN	28.70	28.65	28.54	28.52	28.49	28.52	28.57	28.56	28.59	28.62	28.62	28.69	28.59
	SD	.224	.238	.236	.207	.159	.114	.086	.091	.136	.173	.222	.233	.197
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1200	MEAN	28.70	28.65	28.53	28.51	28.47	28.50	28.55	28.55	28.58	28.61	28.61	28.69	28.58
	SD	.228	.235	.237	.207	.157	.114	.087	.092	.138	.174	.225	.237	.199
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1500	MEAN	28.63	28.58	28.46	28.45	28.42	28.45	28.50	28.49	28.52	28.55	2.55	28.62	28.52
	SD	.227	.230	.234	.204	.155	.113	.083	.092	.138	.170	.223	.233	.195
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1800	MEAN	28.63	28.58	28.45	28.43	28.39	28.41	28.46	28.46	28.49	28.54	28.55	28.64	28.50
	SD	.221	.227	.232	.204	.153	.113	.082	.092	.140	.170	.220	.224	.198
	TOT OBS	310	283	310	300	310	300	309	310	300	310	300	310	3652
2100	MEAN	28.66	28.61	28.48	28.46	28.42	28.45	28.49	28.50	28.53	28.57	28.58	28.66	28.53
	SD	.223	.232	.226	.202	.152	.113	.084	.091	.138	.172	.221	.222	.197
	TOT OBS	310	283	310	300	310	300	309	310	300	310	300	310	3652
ALL HOURS	MEAN	28.67	28.61	28.50	28.48	28.44	28.47	28.52	28.52	28.54	28.58	28.58	28.66	28.55
	SD	.225	.237	.233	.206	.159	.118	.091	.096	.141	.174	.222	.231	.198
	TOT OBS	2480	2264	2480	2400	2480	2400	2478	2480	2400	2480	2400	2480	29222

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 172-352

STATION NUMBER: 723520 STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.4			930				930				930	.1			930
CATEGORY B	1.4	.2		990	.5			989	.3			990	1.0	.1		980

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.8	.1		930	.6	.1		930	.1			930	.1			930
CATEGORY B	2.6	.4		978	2.2	.4	.1	971	1.1	.1		958	1.2			966

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.3	.0		4650	.3	.0		7440
CATEGORY B	1.4	.2	.0	4877	1.3	.2	.0	7822

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 172-352

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.2			849	.4			849	.6			849	1.1			849
CATEGORY B	1.4	.1		934	.5	.3		958	1.7	.2		997	3.8	.4		954

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.1			849	1.8			849	.6			849	.6			849
CATEGORY B	3.4	.3		925	3.6	.5		936	1.8	.1		913	2.2	.1		927

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.0			4245	.8			6792
CATEGORY B	2.8	.3		4725	2.3	.3		7544

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 172-352

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: APR 79 - JUL 89
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLY + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.0			930	.4			930	.9			930	1.9			930
CATEGORY B	4.0	.2		968	2.3	.1		972	2.8	.3		1025	5.0	.3		1008

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	2.0			930	2.0			930	2.2	.2		930	1.2			930
CATEGORY B	6.8	.6		976	7.7	1.2		990	5.5	1.7	.3	974	5.4	.8	.1	970

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.8	.0		4650	1.5	.0		7440
CATEGORY B	5.5	.8	.1	4973	4.9	.7	.1	7883

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 172-352

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.0			900				900	.7			900	1.9			900
CATEGORY B	2.9	.5		936	2.3	.1		951	1.6			972	5.4	.5		945

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	3.2	.4		900	3.7	.3		900	1.8			900	1.2			900
CATEGORY B	8.0	1.5	.2	943	10.1	1.9	.2	939	5.8	1.0		945	3.7	.5	.1	929

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	2.2	.2		4500	1.7	.1		7200
CATEGORY B	6.2	1.0	.1	4744	5.0	.8	.1	7560

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 172-352

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.3			930	.3			930	.3			930	.9			930
CATEGORY B	2.8	.6		984	1.9	.2		1027	2.6			1047	4.9	.4		1024

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.4	.1		930	2.6			930	1.7	.2		930	1.0			930
CATEGORY B	6.5	.6	.1	996	9.0	.7	.2	998	7.9	.8		995	3.8	.2		988

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.4	.1		4650	1.1	.0		7440
CATEGORY B	6.1	.5	.1	5060	4.9	.4	.0	859

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 172-352

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.4			900				900	.3			900	.3			900
CATEGORY B	2.1	.4	.1	957	.6	.1		951	1.8	.5	.1	989	2.2	.1		973

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.3			900	.3			900	.9			900	.4			900
CATEGORY B	2.7	.2	.1	940	3.5	.1	.1	960	4.1	.3		955	3.7			962

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.4			4500	.4			7300
CATEGORY B	2.8	.2	.1	4817	2.6	.2	.1	7687

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 172-352

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A				930	.1			930	.1			930				930
CATEGORY B	.2			978	.5			985	.3	.1		978	.3			962

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A				930	.2			930	.1			927	.1			927
CATEGORY B	1.1			951	1.8	.1		953	2.0			958	.9	.1		951

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.1			4647	.1			7434
CATEGORY B	1.1	.0		4802	.9	.0		7716

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 172-352

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A				930				930				930				930
CATEGORY B	.4			941	.6			961	.4			971	.5			957

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A				930	.2			930	.2			930				930
CATEGORY B	.2			955	2.0	.3		973	1.5			970	1.5			955

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.1			4650	.1			7440
CATEGORY B	.9	.1		4826	.9	.0		7683

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 172-352

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.2			900				900	.2			900				900
CATEGORY B	1.0	.4		954	1.1	.1		966	1.0			976	.7			965

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A				900	.4			900	.2			900				900
CATEGORY B	.8			956	1.9	.4	.1	938	1.7	.2	.1	932	1.4	.2		935

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.2			4500	.1			7200
CATEGORY B	1.2	.1	.0	4767	1.2	.2	.0	7622

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 172-352

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.6			930	.5			930				930	.8			931
CATEGORY B	1.8	.6		993	.9	.5		1006	.8			1037	2.6	.3		1029

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.4	.2		930	1.1			930	.8	.1		930	.8			930
CATEGORY B	3.2	.6	.2	974	3.4	.6		951	2.5	.2	.1	961	1.6	.3		979

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.8	.1		4650	.7	.0		7440
CATEGORY B	2.5	.3	.1	4952	2.1	.4	.0	7930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 172-352

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.2			900				900	.3			900	1.0			900
CATEGORY B	1.2			921	1.5			935	1.4			950	3.4	.3		944

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.6	.3	.1	900	1.1	.3		900	.7			900	.6			900
CATEGORY B	3.4	.9	.5	933	2.9	1.0	.2	937	1.8	.3		923	1.5	.4		920

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.9	.1	.0	4500	.7	.1	.0	7200
CATEGORY B	2.6	.5	.1	4687	2.1	.4	.1	7463

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 172-352

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A				930				930				930		.3		930
CATEGORY B	.6			980	.7			975	.7			1015	.7			1003

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.3			930	.2			930	.1			930	.2			930
CATEGORY B	1.9			998	1.3	.2		969	.8			976	1.1			971

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.2			4650	.1			7440
CATEGORY B	1.1	.0		4961	1.0	.0		7887

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 172-352

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.4			10959	.1			10959	.3			10959	.7			10959
CATEGORY B	1.7	.3	.0	11536	1.1	.1		11676	1.3	.1	.0	11947	2.5	.2		11744

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.0	.1	.0	10959	1.2	.1		10959	.8	.0		10956	.5			10956
CATEGORY B	3.4	.4	.1	11525	4.1	.6	.1	11515	3.1	.4	.0	11460	2.3	.2	.0	11453

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.8	.0	.0	54792	.6	.0	.0	87666
CATEGORY B	2.9	.3	.0	58191	2.4	.3	.0	92856

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	HHHHHHHHHH	
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHHHH	
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 723520

STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 54 - JUL 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1954	750	326	462	71	94					105	317	635	2760
1955	734	620	407	94		9			2	88	483	720	3157
1956	744	620	376	168	2					47	438	585	2980
1957	839	442	467	222	40	7			1	184	529	580	3311
1958	677	714	660	193	9				5	99	346	758	3461
1959	853	566	381	185	4				15	162	564	584	3314
1960	818	760	643	80	39					81	341	773	3535
1961	812	565	340	164	20	1			21	79	533	805	3340
1962	952	503	465	204	9	2			9	104	396	676	3320
1963	1050	622	328	71	23				5	16	358	909	3382
1964	761	730	462	102	12	3			17	80	399	682	3248
1965	676	628	674	61	5				25	118	277	543	3007
1966	1000	727	338	191	62			7	3	156	339	825	3648
1967	734	644	274	60	64				17	134	453	779	3159
1968	756	745	367	159	32					88	486	800	3433
1969	734	585	660	100	21				1	242	423	670	3436
1970	935	551	599	170	26	8			13	205	509	595	3611
1973	955	605	305	234	20				26	58	331	713	3247
1974	838	487	258	104	3				24	62	429	750	2955
1975	727	747	513	214	8				58	106	415	679	3467
1976	796	393	390	102	42				16	299	605	791	3434
1977	1024	491	343	107	4					38	365	717	3089
1978	1058	906	465	82	64				5	100	407	782	3869
1979	1079	779	395	196	61	4				79	533	661	3787
1980	766	667	445	199	18				29	141	406	582	3253

1981		682	535	312	67	34			12	129	316	631	2718
1982		732	640	341	171	19				104	385	614	3011
1983		726	567	383	238	35	2		12	53	345	1056	3417
1984		865	536	459	183	8			60	118	364	636	3229
1985		940	668	319	58				26	72	467	851	3401
.....													
1986		618	476	241	69	9				92	497	658	2660
1987		810	421	377	155	2				102	385	695	2947
1988		867	610	366	123	7			2	99	298	548	2918
1989		545	812	378	96	29							1860
.....													
MEAN		819	608	417	138	24	1	0	12	110	416	705	
SD		130.95	127.45	116.27	58.19	23.01	2.40	1.22	15.35	58.00	83.06	111.95	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 723520 STATION NAME: ALTUS AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 54 - JUL 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1954		4	9	142	117	502	762	700	491	165			2892
1955			24	141	272	384	629	585	383	64		1	2483
1956		7	33	80	349	577	658	631	413	163	3	2	2916
1957		4		47	149	408	678	608	253	65	4		2216
1958				20	266	506	585	612	358	98	6		2451
1959			7	118	282	449	499	586	347	25	5		2318
1960			5	79	199	497	540	531	382	112	1		2346
1961			4	93	234	349	528	498	262	68			2036
1962		2	4	28	327	330	563	596	250	128			2228
1963			31	134	297	453	688	637	391	201	3		2835
1964			1	121	264	447	710	637	291	31	21		2523
1965	2			73	232	368	607	498	326	53	3		2162
1966			21	23	217	446	673	430	204	48	5		2067
1967			42	109	164	445	492	464	214	79			2009
1968			11	34	128	435	475	502	241	102	2		1930
1969				42	180	406	688	616	336	81			2349
1970			2	52	214	459	626	612	360	65	3		2393
1973			1	43	194	436	579	575	254	110	7		2199
1974			39	84	372	456	679	512	132	58	6		2338
1975			1	50	159	387	437	482	195	70			1781
1976			13	26	78	386	507	557	236	29			1832
1977			5	23	206	484	617	548	410	97	4		2394
1978			5	80	178	436	667	469	359	60	7		2261
1979			7	20	133	344	532	440	278	110			1864
1980			2	25	184	593	794	695	353	62	12		2720

1981			1	118	157	469	665	531	365	98			2404
1982			14	48	193	351	578	628	358	126	11		2307
1983				39	156	365	644	714	439	109	13		2479
1984			6	31	287	571	645	634	332	96	3	1	2606
1985			13	95	292	447	625	686	389	68	2		2617
<hr/>													
1986		4	35	102	222	450	652	576	361	48			2451
1987			1	106	326	464	589	583	264	51	17		2401
1988			16	42	254	547	630	676	350	47	18	1	2581
1989			51	152	233	302	446						1184
<hr/>													
MEAN		0	0	11	71	221	439	608	577	320	84	4	0
SD		.34	1.63	14.17	41.43	70.45	70.75	85.51	77.58	79.54	40.66	5.75	.44

A W S	STATION NAME: ALTUS AFB OK	FIELD ELEV: 1378 FT
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 34 40 N 099 16 W	STATION MSC: 723520
	HOURLY OBS POR: AUG 79 - JUL 89	CALL SIGN: KLTS
	SUMMARY OF DAY POR: FEB 43 - MAR 45, SEP 53 - JUL 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: SEP 85
FEB 90	LST TO UTC: +06	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	84	91	102	105	107	116	111	113	106	98	92	87	116	40
MEAN MAX TEMP (F)	49	55	64	75	82	91	96	95	86	75	62	52	74	40
MEAN TEMP (F)	38	43	52	63	71	80	85	84	75	64	51	42	62	40
MEAN MIN TEMP (F)	27	32	39	50	60	68	73	72	64	52	39	31	50	40
EXTRM MIN TEMP (F)	-4	3	8	25	38	49	58	54	35	28	14	2	-4	40
D/W TEMP GE 100 (F)	0	0	#	#	1	3	10	9	1	0	0	0	24	40
D/W TEMP GE 90 (F)	0	#	1	2	7	18	26	25	13	2	#	0	94	40
D/W TEMP LT 33 (F)	23	15	7	1	0	0	0	0	0	1	7	19	73	40
D/W TEMP LT 10 (F)	1	1	#	0	0	0	0	0	0	0	0	1	3	40
HEATING DEGREE DAYS	819	608	417	138	24	1	0	#	12	110	416	705	3250	36
COOLING DEGREE DAYS	#	#	11	71	221	439	608	577	320	84	4	#	2335	36
MEAN DEWPOINT TEMP (F)	25	29	37	44	55	63	64	64	57	48	36	29	46	10
MEAN WET BULB TEMP (F)	34	37	45	53	62	69	71	71	64	55	44	36	53	10
99.95% WCPA (FT)	1850	1950	2050	1950	1850	1700	1600	1600	1700	1800	1950	1900	1900	10
MEAN REL HUM 07 LST(%)	70.2	71.6	73.0	70.2	74.1	75.9	68.6	70.0	73.0	73.8	73.3	73.3	72.3	10
MEAN REL HUM 13 LST(%)	47.6	50.7	46.2	41.5	46.7	48.5	40.1	41.2	45.1	47.7	47.6	52.4	46.2	10
MAX 24HR PRECIP (IN)	2.35	1.60	1.72	2.38	6.28	3.73	2.54	2.69	6.54	5.48	1.44	1.90	6.54	40
MAX PRECIP (IN)	5.21	3.08	3.91	6.36	14.88	7.99	8.33	7.42	9.57	9.11	3.58	4.20	37.26	40
MEAN PRECIP (IN)	.91	.92	1.40	1.97	4.99	3.14	1.89	2.07	2.78	2.69	.98	.96	24.71	40
MIN PRECIP (IN)	.00	#	#	.02	.06	.01	#	.02	#	.05	#	#	10.90	40
D/W PRECIP GE .01 (IN)	4	5	5	6	9	7	5	6	5	6	4	5	67	40
D/W PRECIP GT .50 (IN)	1	1	1	1	3	2	1	1	2	2	1	1	17	40
MAX 24HR SNFL (IN)	7.6	7.0	3.2	.5	0	0	0	0	0	#	2.9	5.2	7.6	37
MAX SNFL (IN)	10.2	13.8	4.5	.5	0	0	0	0	0	#	3.9	7.0	20.8	37
MEAN SNFL (IN)	2.1	2.5	.5	#	0	0	0	0	0	#	.4	1.4	7.2	37
D/W SNFL GE .1 (IN)	1	1	1	#	0	0	0	0	0	0	1	1	5	37
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0	0	0	0	0	1	1	5	37
MAX DLY SNO DEPTH (IN)	9	7	3	#	0	0	0	0	0	0	2	5	9	37
PRVLNG WND DIR (DEG)	35-01	02-04	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	\$14-16	\$35-01	35-01	14-16
MEAN WND SPD (KTS)	7	8	8	8	7	6	6	5	6	6	7	6	7	10
MAX WND SPD (KTS)	56	82	56	60	80	68	66	62	60	45	56	66	82	34
SKY COVER GT 5/10 (%)	43.0	50.7	48.0	41.5	48.0	45.6	26.0	30.7	35.0	41.1	42.0	46.1	41.7	10
D/W THUNDERSTORMS	1	1	3	4	9	7	6	6	4	3	1	1	46	37
D/W FOG (VSBY LT 7 MI)	8	8	8	6	6	3	2	2	5	6	7	8	69	37

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

& = BASED ON LESS THAN FULL MONTHS

** = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN

WIND DIRECTION

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	15.7	19.1	12.9	6.8	7.2	4.7	1.9	.8	6.4	15.9	14.1	19.7	10.4	10
	03 - 05	18.2	21.4	15.6	9.3	12.4	4.1	3.4	1.3	8.1	19.2	18.7	22.3	12.8	10
	06 - 08	19.4	25.6	21.0	12.2	17.4	8.7	3.5	2.6	7.7	21.4	21.4	23.8	15.4	10
	09 - 11	19.4	28.2	20.2	11.8	15.1	9.3	3.3	2.3	10.0	20.5	19.4	22.9	15.2	10
	12 - 14	16.9	25.0	15.6	8.0	9.4	3.4	1.9	1.7	6.0	16.5	19.1	21.2	12.1	10
	15 - 17	14.4	20.8	13.5	5.4	4.7	1.6	.2	.4	3.9	10.0	13.0	16.5	8.7	10
	18 - 20	14.0	17.6	11.6	5.1	4.1	1.7	.0	.5	4.4	10.1	10.2	15.5	7.9	10
	21 - 23	13.5	17.2	10.9	5.4	4.6	2.2	.1	.4	5.3	11.8	12.8	17.6	8.5	10
	ALL	16.4	21.8	15.2	8.0	9.4	4.5	1.8	1.2	6.5	15.7	16.1	19.9	11.3	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	10.8	11.7	6.1	4.0	4.4	2.9	1.2	.5	4.3	10.2	10.4	11.4	6.5	10
	03 - 05	11.7	15.1	8.6	5.8	8.0	1.9	2.6	1.1	5.0	11.1	14.0	8.4	10	
	06 - 08	14.1	19.3	12.7	7.6	13.5	4.6	2.5	2.0	6.2	15.1	17.1	10.8	10	
	09 - 11	13.9	19.2	13.1	6.4	8.3	3.3	2.0	1.3	5.6	15.2	13.4	16.2	9.8	10
	12 - 14	11.3	15.0	8.8	3.9	3.4	1.1	.8	.5	3.3	9.9	10.0	13.8	6.8	10
	15 - 17	8.7	10.1	6.6	1.9	1.0	.8	.0	.1	2.4	5.1	7.0	10.8	4.5	10
	18 - 20	8.2	9.3	6.6	2.6	1.7	.9	.0	.2	2.4	5.8	5.7	10.6	4.5	10
	21 - 23	9.4	9.7	5.3	3.0	2.9	1.1	.1	.1	3.6	6.3	8.8	9.8	5.0	10
	ALL	11.0	13.7	8.5	4.4	5.4	2.1	1.1	.7	4.1	10.3	10.3	13.0	7.0	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	9.0	9.5	4.3		3.3	2.2	.3	.2	2.7	7.6	6.9	8.3	4.7	10
	03 - 05	10.3	11.2	6.3	3	.5	1.3	1.1	.8	3.4	11.2	9.4	9.2	6.0	10
	06 - 08	10.9	14.7	9.2	4.9	.1	2.8	1.7	1.4	4.0	13.3	10.3	11.8	7.8	10
	09 - 11	10.5	14.8	9.2	4.1	3.9	1.6	1.0	.9	3.6	11.1	8.4	12.3	6.8	10
	12 - 14	7.4	9.8	5.6	2.3	1.4	.2	.2	.4	1.4	5.7	5.7	8.1	4.0	10
	15 - 17	5.8	7.1	3.8	.8	.3	.2	.0	.1	1.2	2.4	4.9	6.5	2.8	10
	18 - 20	6.0	6.6	3.5	.8	1.2	.4	.0	.0	1.8	4.1	4.3	8.2	3.1	10
	21 - 23	7.1	7.4	3.0	1.0	2.0	.8	.0	.1	2.3	5.6	6.0	7.4	3.6	10
	ALL	8.4	10.1	5.6	2.4	3.1	1.2	.5	.5	2.6	7.6	7.0	9.0	4.8	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.3	2.5	.4	.0	.0	.2	.0	.0	.0	.5	1.7	1.5	.7	10
	03 - 05	1.5	2.6	1.3	.4	.2	.0	.0	.1	.1	2.7	1.6	2.9	1.1	10
	06 - 08	2.2	3.3	2.4	.6	.4	.0	.0	.2	.2	3.5	1.3	3.7	1.5	10
	09 - 11	1.2	2.4	.9	.0	.0	.0	.0	.0	.0	.9	.6	2.3	.7	10
	12 - 14	.6	.1	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.1	10
	15 - 17	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.1	10
	18 - 20	.3	.5	.0	.0	.0	.0	.0	.0	.0	.2	.7	.8	.2	10
	21 - 23	.6	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.8	1.0	.3	10
	ALL	1.0	1.6	.6	.1	.1	.0	.0	.0	.0	1.0	.9	1.6	.6	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS :